STORAGE

MAY 16 1914

DEPARTMENT OF MARINE AND FISHERIES, CANADA.
METEOROLOGICAL SERVICE.

Monthly Weather Review

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INTRODUCTION.

In compiling the present Review, the principal data made use of are the telegraphic reports of observations received at this office for the purpose of weather forecasting, and reports by mail from voluntary observers and storm-signal agents. For the data used in tracing the paths of areas of high and low pressure in the United States, we are indebted to the Chief of the Weather Bureau, Washington, D.C.

HIGH AREAS.

Nine areas of high pressure were charted. Six first appeared in the far northwestern portion of the Continent, and three on the coast of the Middle Pacific States. The latter areas were of moderate energy only, while the northwestern ones were in nearly all instances both very pronounced, widespread, and persistent, and as they were attended by very low temperatures the weather of the month in Canada was nearly everywhere decidedly cold.

LOW AREAS.

Fourteen areas of low pressure were charted. Four first appeared in the far northwestern portion of the continent, two in the Western Provinces, one on the Pacific United States Coast, two in the South Pacific States, four in the vicinity of the eastern portion of the Gulf of Mexico, and one over the northern portion of Lake Huron. The general course of the areas was either over or far to the southward of the Great Lakes, while in several instances they were of much energy, three of the systems being of unusual intensity, as they swept over the Maritime Provinces and Newfoundland.

ATMOSPHERIC PRESSURE.

Using the values of the mean atmospheric pressure of the Telegraphic Reporting Stations, it appears that the mean pressure was subnormal throughout Canada with the exception of British Columbia and isolated localities in the Western Provinces where the normal was exceeded. Positive departures in British Columbia were from 0.13 to 0.19 of an inch, and in the isolated localities of the Western Provinces 0.01 of an inch. Negative differences were about 0.03 of an inch with the lowest mean value in Northern Ontario and the Maritime Provinces where the divergence was 0.06 and 0.10 of an inch respectively.

GENERAL SYNOPSIS OF TEMPERATURE AND PRECIPITATION.

The following table is intended to show the average values of temperature and precipitation for each province for the month under review. Distriet and Provincial means would, under ideal conditions, be derived from stations situated in equi-areal squares. But since in reality they are so situate as to appear, rather, constellation-wise upon the map, anomalous values arising from local topographical peculiarities may have received more than their just weight in the computation of the following averages.

Where no difference from normal is assigned, observations over a period long enough for reference are not available.

PROVINCE AND DISTRICT.	Temperature (Fahr.).						Precipitation.				STATION DIFFERENCES FROM NORMAL TEMPERATURE
	Mean Daily.	Mean Daily Maximum.	Mean Daily Minimum.	Mean Daily Range.	Extreme Highest.	Extreme Lowest.	Total in Inches.	Difference from Normal.	Number of Days.	Greatest Fall.	
British Columbia—											
South Vancouver Island	38.8	44.1	33.5	10.6	58	15	5.36	−25 %	12	4.65	From −1° to +2°
North Vancouver Island	40.6	45.1	36.0	9.0	53	26	6.39	....	14	2.75	+2° at Quatsino
Lower Fraser River	36 2	41.8	30.6	11 1	60	−12	3 56	−35	13	1.18	From −1° to +2°
Upper Fraser River	21.6	31.6	11.6	19.7	59	−47	1.62	+30	7	1.40	+1° to +5°
Okanagan Valley	26.0	33 0	19.0	13 9	51	−29	1.16	+40	6	1.00	From −1° to +2°
West Kootenay	27.2	34.2	20.2	13 9	56	−19	1 14	....	7	.60	Average at Nelson
East Kootenay	20.4	30 4	10.4	20.0	49	−30	.57	....	4	.47	−2° at Elko
Thompson River	25.1	32 2	18 0	14 2	52	−25	1.65	+30	8	.80	From −3° to +1°
North Columbia River	21.2	27.9	14 5	13.5	45	−26	2.40	−45	9	.85	+1° to +2°
North Coast	33 4	38 1	8.7	9 4	58	23	5.91	...	12	2.56	+3° to +6°
Queen Charlotte Islands	40 5	44.9	36.2	8.7	50	28	9.60	. ..	15	4.40	+2° at Massett
Alberta—											
North Saskatchewan River	4 0	15.7	− 7.7	23 4	52	−50	.66	+40	7	.55	From −3° to +6°
The Red Deer River	8.0	19.6	3 7	23.3	65	−48	.69	+20	6	.30	−3°
The Bow River	10.4	21.3	− 1.1	23 0	55	−44	.59	+60	5	.40	From −6° to +3°
Athabasca River	14 6	26 2	2.7	23.5	54	−48	.81	....	4	.50	+1° at Banff
Peace River	− 0 9	13.4	−11.6	25.0	43	−55	.93	....	2	.95	
Saskatchewan—											
Qu'Appelle River	− 5 3	16 5	− 5.9	22 4	45	−51	.29	−55	4	.28	−1° to +12°
S. Saskatchewan River	3.5	13.3	− 6.4	19.7	47	−50	.30	−25	5	.20	−4°
N. Saskatchewan River	− 5.0	15 4	− 5.4	20.8	45	−50	.20	....	2	.23	−5° at Battleford
Saskatchewan Forks	− 7.8	20.2	− 4 6	24 8	45	−49	.22	−60	3	.30	−5° to 8°
Lower Saskatchewan River	−11.4	.5	−22.3	21 8	40	−45	....	....	....	....	
Manitoba—											
Qu'Appelle and Assiniboine Rivers	−7.1	17.1	− 3 0	20.1	43	−47	.61	−20	6	.38	−6° to −12°
The Red River	− 8.5	19.2	− 2.2	21.4	43	−47	1.45	− 5	5	1.50	−8° to −14°
Dauphin Lake and River	− 7.8	19.4	− 3.8	23.2	44	−40	.40	....	1	.40	
Ontario—											
Lake Superior Districts—											
Rainy River	− 7.6	4.4	−19.6	23.9	44	−52	.47	−40	4	.55	−12° at Kenora
Thunder Bay	− 4 4	9.6	−18 4	27.9	54	−53	1.07	−27	4	.90	−7° to 13°
Algoma	− 0.6	13.1	−14 3	27.4	43	−56	1.64	−40	6	2.00	−9° to −11°
Nipissing	− 3.3	10.1	−16 7	26 8	47	−52	1.58	....	8	1.01	10° at Haileybury
Upper Ottawa River	1 0	14.4	−12.4	26.8	48	−42	2.16	+30	8	1.20	−7° to −11°
Upper St. Lawrence and Ottawa Rivers	8.1	18.0	− 1 8	19.8	47	−33	.90	−60	6	.61	−4° to −7°
Georgian Bay Counties	6.9	18.7	− 4.9	23 6	50	−48	1.85	−25	6	1.20	−5° to −11°
Lake Huron Counties	13.0	20.7	5.3	15.6	41	−20	2.02	−25	12	.58	−6° to −11°
Lakes St. Clair & Erie, Niagara Peninsula	15.7	23.3	8.0	15 3	59	−19	1.66	−50	7	.76	−3° to −10°
West Central Counties	12.5	21 0	4.0	17.0	43	−23	1.56	−35	7	1.29	−5° to −11°
Lake Ontario Counties	13 4	21 1	5.7	15.4	45	−24	1.20	−15	6	1.04	−4° to −8°
East Central Counties	7.2	21 0	− 6 7	27.7	45	−43	1.06	−65	6	.60	−3° to −9°
Quebec—											
Middle St. Lawrence	1.8	13.8	−10.2	23 9	48	−46	1.81	−45	8	1.30	−7° to −8°
Lower St. Lawrence & Gulf	2.5	12 5	− 7.5	20 1	56	−38	2.22	−10	8	1.10	−7° to −8°
Lake St. John	− 7 9	3 1	−18.9	22.1	46	−51	1.56	....	7	1.20	
Northwestern Districts	0.0	13 3	−13.2	26.5	47	−63	1.98	....	6	1.70	−9° at Abitibi
New Brunswick—											
All Stations	8.7	19.5	− 2.1	21.6	48	−31	1.97	−37	6	1.60	−5° to −10°
Nova Scotia—											
All Stations	14.8	25 0	4.6	20.4	51	−27	3.20	−30	7	1.00	−4° to −7°
Prince Edward Island—											
All Stations	10.1	20.4	− 0 1	20.5	43	−21	3.07	−12	8	1.90	−8° at Charlottetown

FREE AIR DATA

REGISTERING BALLOON ASCENT AT WOODSTOCK.

(Lat. 43° 8′ N., Long. 80° 47′ W.) on February 2nd, 1914.

Instrument—Dines Meteorograph.
Beginning of Ascent—1 a.m. G.M.T.
Barometer—734 mm.
Temperature = —6.4°C.
Direction of Flight at Beginning—East.

Fell—229 km. distant, S. 84°E.
Maximum Height—15.5 km.
Minimum Temperature = —56.0°C.

Height in km. above S.L.	Pressure in mm.	Temperature in Centigrade degrees.	
G.L. = 0.3	734	—6.4	
0.5	713	—6.5	
1.0	668	—8.0	
1.2	650	—9.0	
1.5	624	—7.5	—10.5
2.0	585	—9.0	—12.0
2.5	546	—12.5	—16.0
3.0	511	—15.0	—20.0
3.5	478	—18.5	—23.5
4.0	448	—23.0	—26.5
4.5	417	—24.5	—29.5
5.0	388	—27.5	—32.5
5.5	363	—30.5	—35.5
6.0	337	—34.5	—40.0
6.5	312	—38.0	—43.0
7.0	290	—42.0	—47.5
7.5	268	—45.0	—50.0
8.0	248	—47.5	—51.5
8.5	230	—50.5	—51.5
9.0	213	—49.5	
9.5	197	—47.5	—49.0
10.0	183	—47.0	—50.0
10.85	160	—50.0	
11.0	157	—50.0	
12.0	133	—50.5	
13.0	114	—51.5	
14.0	98	—53.0	
15.0	84	—55.0	
15.5	82	—56.0	

REGISTERING BALLOON ASCENT AT WOODSTOCK.

(Lat. 43° 8′ N., Long. 80° 47′ W.) on February 3rd, 1914.

Instrument—Dines Meteorograph.
Beginning of Ascent—1 a.m. G.M.T.
Barometer—739 mm.
Temperature = —4.0° C.
Direction of flight at Beginning—North-West.

Fell—293 km. distant N.70°E.
Maximum Height—12.5 km.
Minimum Temperature = —60.5° C.

Height in km. above S.L.	Pressure in mm.	Temperature in Centigrade degrees.	
G.L. = 0.3	739	— 4.0	
0.45	725	3.5	
0.5	720	3.5	
1.0	673	3.5	
1.5	633	1.0	
2.0	595	0.0	
2.5	558	— 2.0	
3.0	523	— 6.0	
3.1	518	— 6.5	
3.5	491	— 6.0	— 7.5
4.0	461	— 8.5	— 9.5
4.5	430	—12.0	
5 0	402	—15.5	
5.5	377	—19.0	—20.0
6.0	353	—22.5	—25.0
6.5	330	—25.0	—28.5
7.0	308	—29.0	—32.5
7.5	287	—33.5	—37.5
8.0	267	—39.0	—42.5
8.5	248	—43.5	—47.0
9.0	232	—47.5	—50.0
9.5	214	—51.5	—55.0
10.0	198	—56.0	—59.0
10.5	185	—59.0	—60.5
11.0	169	—57.5	
12.0	145	—53.0	
12.5	134	—51.5	

REGISTERING BALLOON ASCENT AT WOODSTOCK.

Lat. 43° 8′ N., Long. 80° 47′ W.) on February 5th, 1914.

Instrument—Dines Meteorograph.
Beginning of Ascent—1 a.m. G.M.T.
Barometer—738 mm.
Temperature = —4.4°C.
Direction of Flight at Beginning—East

Fell—311 km. distant N. 70° E.
Maximum Height—10.7 km.
Minimum Temperature = —54.0° C.

Height in km. above S.L.	Pressure in mm.	Temperature in Centigrade degrees.	
G.L. = 0.3	738	— 4.4	
0.5	719	— 7.0	—11.5
1.0	672	—11.5	—13 5
1.3	644	—13.5	
1.5	630	—10.5	—12.5
1.55	626	—10.0	—12.0
2.0	590	—10.0	—12.5
2.2	574	— 9.0	—12.5
2.5	552	—11.5	—13.0
2.6	544	—13.0	
3.0	515	—15.5	—16.5
3.5	481	—19.5	—21.5
4.0	450	—24.0	—25.5
4.5	419	—28.0	—29.0
5.0	391	—31.5	—32.5
5.5	363	—36.0	
6.0	338	—38.0	—39.5
6.5	313	—43.5	
7.0	290	—47.0	—48.5
7.5	268	—51.5	
8.0	248	—52.5	—53.5
8.23	240	—52.0	—54.0
8.5	230	—49.0	—53.5
9.0	213	—45.5	—50.5
9.5	198	—48.0	
10.0	183	—52.0	
10.7	165	—48.5	

REGISTERING BALLOON ASCENT AT WOODSTOCK.

(Lat. 43° 8' N., Long. 80° 47' W.) on February 6th, 1914.

Instrument—Dines Meteorgraph,
Beginning of Ascent—1 a.m. G.M.T.
Barometer—739 mm.
Temperature = —3.3°C.
Direction of flight at beginning—West

Fell—354 km. distant, N. 86° E.
Maximum Height—9.9 km.
Minimum Temperature = —61.0°C.

Height in km. above S.L.	Pressure in mm.	Temperature in Centigrade degrees.	
G.L. = 0.3	739	— 3.3	
0.5	721	— 9.0	
0.9	684	—11.5	
1.0	678	—10.0	
1.15	664	— 7.0	
1.5	637	— 7.5	
2.0	599	— 8.5	
2.5	561	—10.5	—12.5
3.0	522	—13.5	—15.0
3.5	489	—16.0	—17.5
4.0	456	—20.0	—21.5
4.5	428	—23.0	—24.5
5.0	398	—26.0	—27.5
5.5	371	—28.5	—30.5
6.0	347	—32.0	—33.5
6.5	322	—35.5	—37.5
7.0	300	—40.0	—42.0
7.5	277	—44.0	—46.0
8.0	258	—46.5	—49.5
8.5	237	—51.0	—53.0
9.0	220	—54.5	—56.5
9.5	203	—59.0	—60.0
9.9	191	—61.0	

WINDS, FEBRUARY, 1914

PROVINCES AND STATIONS.	Total Mileage.	Greatest Mileage in 24 hours.	Greatest Mileage in 1 Hour			Number of Days of			General Direction
			Miles	Direction	Date	Gales	Strong Winds	Fresh Winds	
British Columbia.									
Atlin	3124	379	.....	.....	.....	.....	.....	.....	NE
Prince Rupert	.....	.....	.....	.....	.....	.....	.....	.....	.....
Victoria	5076	340	29	W	1	.....	7	8	N
Point Garry	4947	381	39	NW	1	1	5	7	E
Vancouver	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kamloops	.....	.....	.....	.....	.....	.....	.....	.....	.....
Alberta.									
Edmonton	4132	322	34	NW	27	1	.....	9	SE SW
Calgary	2721	192	22	NW	27	.....	2	7	NW
Saskatchewan.									
Battleford	.....	.....	.....	.....	.....	.....	.....	.....	.....
Prince Albert	2175	216	.....	.....	.....	.....	.....	.....	.....
Swift Current	3029	601	.....	.....	.....	.....	.....	.....	SW W
Qu'Appelle	6856	681	36	NW	28	1	8	13	NW
Manitoba.									
Le Pas	3862	296	.....	.....	.....	.....	.....	.....	W
Winnipeg	6713	578	47	NW	28	2	7	10	NW
Ontario.									
Port Arthur	5850	503	37	NW	28	3	3	13	NW
White River	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cochrane	4879	418	26	NW	21	.....	4	7	NW
Parry Sound	5588	392	33	SW	21	1	7	7	NW
Southampton	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pelee Island	*3853	727	49	SW	7	7	10	5	
Woodstock	§4732	627	36	SW	7	5	6	4	W
Guelph	7587	511	.....	.....	.....	.....	.....	.....	NW
Toronto	10627	732	47	W	7	9	11	6	N&W
Kingston	5898	388	.....	.....	.....	.....	.....	.....	NE
Stonecliffe	2920	272	15	N&W	7-22	.....	.....	6	W
Ottawa	.....	.....	.....	.....	.....	.....	.....	.....	.....
Quebec.									
Montreal	10591	602	44	SW,NW	7	5	15	6	W
Sherbrooke	.....	.....	.....	.....	.....	.....	.....	.....	.....
Quebec	9523	882	53	NE	7	7	11	9	W
Father Point	9765	873	55	W	8	.....	.....	.....	W
Anticosti, SW	.....	.....	.....	.....	.....	.....	.....	.....	.....
Harrington	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Brunswick									
Pt. Escuminac	11722	790	47	E	17	12	13	1	W
Fredericton	8886	643	35	NW	10	1	13	11	NW
St. John	10754	717	44	NW	10	11	9	8	NW
Pt. Lepreaux	10786	1061	52	SE	7	12	6	1	NW
Nova Scotia									
Yarmouth	11595	675	42	NW	16	.....	.....	.....	NW
Wolfville	.....	.....	.....	.....	.....	.....	.....	.....	.....
Halifax	10207	631	54	SE	14	15	10	3	NW
Sable Island	17014	1228	88	NW	18	21	5	.....	SW
Flat Point	13913	975	55	NW	18	16	9	2	W.NW
Prince Edward Island									
Charlottetown	6476	464	35	SE	14	2	8	11	NW

* Record for 23 days § Record for 15 days ‖ Record for 21 days

TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA. FEB., 1914.

*Stations not furnished with Registering Thermometers.

STATION.	Latitude N.	Longitude W.	Elevation above sea level, in feet.	Temperature. Mean.	Difference from average.	Yr's Observations.	Highest.	Date.	Lowest.	Date.	Mean daily range.	Precipitation. Amount.	Difference from average.	Heaviest fall in month.	Days with .01 or more.	No. of fair days.	No. of aurora.	No. of thunderstorms.	No. of fogs.
BRITISH COLUMBIA—																			
S. Vancouver Island	° ′	° ′																	
Alberni (Beaver Creek)	49 15	124 49	300	37.1	— 0.6	18	56.0	16-20	15.0	5	13.0	5.72	—2.62	1.63	13	15	..	..	..
Clayoquot	49 11	125 55	27	42.3	+ 1.5	14	57.0	15	29.0	1-8	12.0	11.59	—1.06	4.65	16	12	..	..	..
Clo-oose	49 40	124 50	.....	40.5	—	2	51 0	20	26 0	4	9.6	1.28	—	0.18	16	12	..	..	..
Cobble Hill	.....	.....	33	38 1	—	1	53.8	28	20.0	5	11.9	1.99	—	0.58	11	17	..	..	..
Cowichen (Tzouhalem)	48 25	123 42	170	39.8	—	8	52.2	22	22.5	6	11.6	2.35	—	0.73	11	17	..	..	..
Departure Bay	49 40	124 0	.....	38.7	—	1	51.2	27	26.2	5	8.7	2 69	—	0.69	9	19	..	..	4
Gillis Bay	49 40	124 32	.....	36.4	—	1	50.0	20	21.0	5	9 7	3 86	—	1.05	12	16	..	..	..
James Island	.....	.....	.....	41.1	—	1	52.5	27	25.0	5	7.1	1.70	—	0 46	..	..	..	..	2
Ladysmith	48 57	123 39	....	37.6	—	1	52.0	20-22	24.0	4	11 0	4 40	—	1 09	12	16	..	..	..
Nanaimo	49 10	123 37	125	39.6	+ 2 0	13	52.3	27	26.0	5	7 9	2.60	—1.54	0.73	12	16	..	..	3
Nanoose Bay	49 17	124 12	130	38.1	—	2	53.0	27	24.0	5	10.8	2.26	—	0.56	14	14	..	..	..
Qualicum Beach	.....	.....	.....	36.4	—	1	49 0	23	23.0	5	10.6	2 38	—	0.64	13	15	..	..	..
Salt Spring Island	48 50	123 20	.....	38.4	—	5	52.0	27	22.0	5	9.6	2 75	—	0.54	11	17	..	..	4
Shawnigan Lake	48 37	123 41	.....	37.8	—	1	52.0	22	18.0	5	11 4	2.42	—	0.83	11	17	..	..	..
Sooke	48 41	123 44	25	41.0	—	4	58.0	20	20.0	5	13.7	3.60	—	0.76	13	15	..	..	..
Victoria	48 24	123 19	85	42.0	+ 1.9	20	53 3	20	25.6	5	8.2	1.56	—2.01	0.38	13	15	..	..	1
N. Vancouver Island																			
Alert Bay	50 33	127 0	.....	42.3	—	1	53.0	20	28.0	5	6.5	3.84	—	1.17	11	17	..	..	..
Holberg	50 39	128 18	.....	39.7	—	5	50.0	16	23.0	6	9.0	9 57	—	2.75	17	11	..	..	..
Quatsino	50 32	127 40	.....	39.8	+ 1.8	18	50.0	17-23	26.0	5	11.4	5.76	—7.09	1.29	13	15	..	..	..
Triangle Island	50 52	129 5	680	.....	.....	..	..	.....	.....	.....	....	.....	.....	....	..	..			..
Lower Fraser River																			
Agassiz	49 14	121 31	52	39.6	+ 1.8	23	60.0	26	12 0	5	14.7	4.06	—1 56	0.85	17	11	.	..	..
Britannia Beach	40 39	123 5	165	38.9	—	1	54 0	18-21	19.0	5	9.7	3.80	—	1.10	9	19	..	..	..
Chilliwack	49 10	121 57	21	37.3	— 0.2	12	54.0	15	12 0	5	10.9	3.27	—3.10	0.49	15	13	..	..	4
Hope	49 25	121 25	500	34.2	—	4	49.0	15	5.0	5	10.5	4.31	—	1.18	15	13	.	..	..
Ladner	49 05	123 4	.....	38.8	+ 1.3	14	56.0	21-22	12.0	4	8.9	2.60	—0.60	0.60	9	19	..	..	3
New Westminster	49 13	122 54	330	37.7	— 0.4	27	54.3	22	13.5	5	9.7	4.78	—0 32	1.04	13	15	..	..	6
North Nicomen	49 12	122 2	59	38.1	+ 0 6	22	55.0	15-18	16.0	5	12.2	4.44	—3.89	0.99	14	14	..	..	1
Pemberton Hatchery	50 20	122 33	.....	30.4	—	6	46.0	25	0.0	6	11.3	1.51	—	0.64	4	24	..	..	..
Pemberton Meadowe	50 29	122 40	.....	27.2	—	1	45.0	27	—12.0	19	16 2	2.28	—	0.60	10	18	..	..	..
Ruskin (Stave Falls)	49 16	122 23	125	36.1	—	5	51.0	28	10.0	5	11.3	4.72	—	1.00	18	10	..	..	4
Steveston (Garry Point)	49 21	123 17	.....	38.0	— 0.3	19	53.0	1-21	12 0	5	9.9	2.10	—1.79	0.66	11	17	..	..	5
Vancouver	49 17	123 5	136	38.7	+ 0 3	13	53.6	20	15.5	5	7.3	4.87	—1.91	0.72	15	13	..	..	4
Upper Fraser River																			
Babine Lake	55 38	126 26	.....	20.7	—	6	44.0	15	—10.0	20	16.3	0.80	—	0.25	7	21	..	..	..
Barkerville	53 02	121 35	4180	20.9	+ 1.4	24	38 0	20-21	—25.0	5	15.1	3.60	+0.96	0.70	14	14	..	..	..
Chilcotin (Big Creek)	51 40	120 50	3100	19.9	+ 3.6	11	49.0	26	—29.0	5	26.0	2.05	+1.32	0 75	8	20	..	..	1
Cranberry Lake (South Frk)	119 20	52 50	2460	18.9	—	1	44.9	26	—47.0	5	23.3	0.88	—	0.70	4	24	..	..	1
Fifteen Mile Ranch (Pavilion)	50 40	120 50	.....	24.2	—	1	48.5	26	—12.0	6	13.4	0.46	—	0.35	3	25	..	..	..
Fort George	.....	.....	.....	.....	.....	..	....	.....	.....	.....	....	.....	.....	....	..	..		..	..
Fort St. James (Stuarts Lake)	54 28	124 12	2280	18.0	+ 4 6	19	44 0	15	—32 0	5	20.6	1.41	—1 03	0.38	9	19	..	..	..
Hydraulic	52 42	122 5	.....	27.2	—	2	59.0	20	—28.0	5	21.6	1.95	—	0.80	8	20	..	..	..
Quesnelle	52 59	122 30	1700	22.0	+ 0.5	17	47.0	27	—26.0	5	18.2	1.84	+0.69	1.40	4	24	..	..	..
Okanagan Valley																			
Duck Lake Ranch	50 3	119 20	1400	25.4	—	1	45 0	26	—12.0	4-5	13.3	1 52	—	0.58	6	22	..	..	..
Hedley	49 35	120 10	1771	27.1	—	10	50.0	25	—15.0	4	13.0	0.58	—0.57	0.30	3	25	..	..	..
Hedley (Nickel Plate)	49 20	119 59	.....	23.2	+ 2.4	11	48.0	15	—23.0	4	17.6	1.70	—	1.00	5	23	..	..	..
Keremeos	49 15	120 0	1372	28.3	—	6	51.0	27	1.0	6	10.1	0.66	—	0.22	5	23	..	..	..
Kelowna (Okanagan Mission)	49 15	119 29	1200	27 2	+ 1.5	14	46.0	25-27	—14.0	5	11.1	2.98	+1.76	0.37	5	23	..	.	..
Penticton	49 29	119 35	.....	30.4	—	7	55 0	27	2.0	5	11.3	0.49	—	0.31	9	19	..	..	..
Princeton	49 29	120 29	1650	23.0	+ 0.7	19	45.0	24	—29.0	5	17.9	1.16	+0.16	0 60	6	22	..	..	..
Richlands	50 18	118 35	.....	23.8	—	2	45 0	27	—13.0	5	17 4	0.72	—	0 20	7	21	..	..	..
Summerland	49 36	119 40	1100	25.5	—	7	47 0	27	— 6.0	5	12 8	0.57	—	0.30	3	25	..	..	..
Vernon (Coldstream Ranch)	50 14	119 15	1582	25.0	— 0.8	21	47.0	27	—12.0	5	14 3	1.22	+1.10	0.40	7	21	..	..	..
West Kootenay																			
Boswell	49 19	116 41	.....	30.6	—	1	53.5	27	0.0	5	13.4	—	—	—	—	—	..	..	..
Crawford Bay	49 45	116 45	2000	29.0	—	4	44.0	25-27	0.0	4	13.9	1.41	—	0.57	8	20	..	..	..
Creston	49 6	116 33	1985	23.5	—	2	49.0	27	—17.0	5	20.0	1.33	—	0 50	6	22	..	..	..
Fauquier	49 54	118 6	.....	29.9	—	5	56.0	27	— 1.0	6	14.8	1.50	—	0.60	7	21	..	..	..
Grand Forks	49 2	118 27	1746	26.6	—	3	51 0	27	— 8.0	5-6	12.7	0.90	—	0.44	7	21	..	..	..
Greenwood	49 1	118 6	2400	25.6	—	2	52.0	27	—19.0	4	19.3	0.48	—	0.33	5	23	..	..	..
Howser	50 18	117 0	.....	25.8	—	1	49 0	28	— 4.0	4	14 9	0.30	—	0.15	4	24	..	..	..
Kaslo	49 52	117 0	1762	27.8	—	5	47.0	27	1 0	6	11.1	1.26	—	0.25	10	18	..	..	..
Nakusp	50 14	117 49	.....	26.7	—	2	48.0	27	— 3.0	6	9.8	1.54	—	0.23	13	15	..	..	..
Nelson	49 29	117 21	1760	28.3	— 0.4	13	49.0	27	1.0	5	12.5	1.00	—0.86	0.30	6	22	..	..	..
Pend d'Oreille (Waneta)	.....	.....	2260	25.1	—	1	46.0	28	— 8 0	5	14 3	1.20	—	0 50	5	23	..	..	..
Perry Siding	49 5	117 48	1700	26 7	—	1	49 0	27	0.0	4	15.8	1.14	—	0.27	8	20	..	..	..
Rossland	49 5	117 48	3400	25.6	+ 0.4	10	42 5	24	0.0	6	8.1	1 55	+0.94	0.60	4	24	..	..	..
Westley	49 20	117 45	1414	29.9	—	1	52.0	27	3.0	6	10.9	1.26	—	0.25	8	20	..	..	..
East Kootenay																			
Cranbrook	49 30	115 50	.....	19.6	+ 0.5	10	47.0	28	—30.0	6	27 2	0.15	—	0.15	1	27	..	..	..
Fernie	49 30	115 3	3305	18.6	—	1	43.0	25	—27.0	5	19 2	1.23	—	0.47	8	20	..	..	1
Fruitlands (Elko)	49 1	115 5	2684	24 3	— 1.8	19	49.0	28	—21.0	5	15.5	0.50	—0.65	0 30	3	25	..	..	2
Invermere	50 30	116 2	2650	19.1	—	2	46 0	27	—27.0	4	23.0	0 60	—	0.25	3	25	..	..	..
Wilmer	50 34	116 14	3300	20 4	—	4	45.0	28	—17.0	8	15.0	0.48	—	0.30	4	24	..	..	..
Thompson River																			
Armstrong	50 26	119 11	.....	25.3	—	1	48.0	27	— 9.0	5	13.2	1.55	—	0.55	8	20	..	..	..
Ashcroft	50 32	119 7	1180	.....	.....	..	....	....	.....	.....	....	.....	.....	....	..	..	..	..	..
Chinook Cove	.....	.....	...	24.2	—	1	48.0	28	—23.0	5	17.8	1.88	—	0.80	8	20	..	..	..
Enderby	50 32	119 7	1180	26.2	+ 1.4	13	52.0	26	— 3.0	6	13.4	1.60	—0.10	0.50	7	21	..	..	..
Harper's Ranch	50 41	120 29	1245	.....	.....	..	....	.....	.....	.....	....	.....	.....	....	..	..	..	..	..
Kamloops	50 0	120 36	2120	25.2	— 2.6	22	51 5	27	—18.0	5	11 0	2 18	+1.37	0 58	9	19	..	..	..
Monte Creek	50 35	119 59	1156	23.8	—	1	50.0	27	—25.0	5	12 5	2 08	—	0 80	5	23	..	..	..
Nicola Lake	50 9	120 39	2120	22.2	— 1 6	19	46.0	24-27	—19.0	4	16.0	0 45	—0.32	0.20	3	25	..	..	..
Salmon Arm	50 42	119 35	1152	26.2	+ 0.4	12	49.0	27	—11.0	5	12 3	1.36	+0.02	0.45	9	19	..	..	2
Salmon Arm (Exp. Farm)	.....	.....	...	25.7	—	3	48.0	27	— 5.0	4	12.5	1.45	—	0.25	8	20	..	..	.
Tappen	.....	.....	1350	29.1	—	2	51.0	27	— 8.0	5	14 5	2 28	—	0 47	14	14	..	..	1
Tranquille	50 41	120 29	.....	25.6	—	6	52.0	27	—16.0	5	14 7	2.57	—	0 65	9	18	..	..	..
Vavenby	51 36	119 45	1450	22.2	—	1	45.0	23	—24.0	5	18.0	0.79	—	0.50	4	24	..	..	..

TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, FEB., 1914.

*Stations not furnished with Registering Thermometers

STATION.	Latitude N.	Longitude W.	Elevation above sea level, in feet.	Temperature: Mean.	Temperature: Difference from average.	Temperature: Yr's Observations.	Temperature: Highest.	Temperature: Date.	Temperature: Lowest.	Temperature: Date.	Temperature: Mean daily range.	Precipitation: Amount.	Precipitation: Difference from average.	Precipitation: Heaviest fall in month.	Days with 0.1 or more.	No. of fair days.	No. of auroras.	No. of thunderstorms.	No. of fogs
BRITISH COLUMBIA—Con.																			
North Columbia River	° ′	° ′																	
Glacier	51 14	117 29	4072	18.6	+ 0.6	13	35.0	24	—15.0	5	16.2	4.95	—2 76	0.85	16	12	..	..	..
Golden	51 0	118 6	1476	20.1	+ 1.2	11	40.0	25	—26.0	5-6	19.0	0.20	—0.68	0.20	1	27	..	..	..
Revelstoke	51 16	116 5	2550	24.8	+ 2.1	14	45.0	27-28	— 5.0	7	11.4	2.06	—2.62	0.50	11	17	..	..	..
North Coast																			
Bella Coola	52 40	126 54	150	32.7	+ 2.7	15	47.0	19	3 0	5	10.9	2 95	—0.05	0.80	8	20	..	..	1
Prince Rupert	54 18	130 18	170	40 5	—	5	58.0	15-19	26 0	6	10.1	10 24	—	2.56	15	13	..	..	.
Stewart	56 1	130 1	215	29.0	+ 5 8	21	39.0	18	7.0	3	8.1	6.25	+0 23	1.13	12	16	..	..	..
Terrace	54 30	128 30	545	31 3	—	2	50.0	18	11.0	5 6	8.5	4.19	—	1.16	13	15	..	..	6
Queen Charlotte Islands																			
Ikeda Bay	52 17	131 7	5	41 5	—	6	44.0	19-23	35 0	4	7.0	17.05	—	4.40	12	16	..	..	1
Massett	53 58	132 9	10	39.4	+ 2.2	17	50.0	18-19	28.0	5	10.4	2.15	..2.02	0.30	17	11	..	..	1
Yukon Boundary																			
Atlin	59 35	133 38	2240	12.3	—	8	35.5	15	—26 0	4	12.4	1 18	—	0.28	10	18	..	..	1
YUKON—																			
Carcross	60 11	134 34	2171	10.9	—	7	41.0	19	—32.0	4	16.0	0.55	—	0.20	4	24	..	..	1
Dawson	64 4	139 29	1200	— 1.6	+11.9	13	22.0	19-20	—39.0	3	13 8	0.95	+0.26	0.40	4	24	..	..	..
ALBERTA —																			
N. Saskatchewan River																			
Campsie	54 8	114 42	.....	4.8	—	2	51.9	15	—49.8	5	26 1	1.14	—	0.28	10	18	..	..	..
Coronation	.....	.....	.....	.....	.....	..	....	....	.....	.....	.....	.....	.....	....	..	..	..	..	..
Daysland	55 52	112 17	.....	5.4	—	7	41 0	15	—37.0	6	19.9	0.65	—	0.20	5	23	..	..	..
Edmonton	53 33	113 30	2158	7.9	— 2.9	29	50.7	15	—36.0	5	22.2	1.07	+0.38	0.26	10	18	..	..	1
Endiang	52 0	112 0	2795	0.6	—	4	38.0	27	—45.0	4	19.9	0.45	—	0 20	4	24	..	..	..
Halkirk (Emsburg)	52 17	112 10	.....	2.2	—	6	44.0	24	—42.0	5	21.8	0.38	—	0.15	3	25	..	..	1
Lloydminster	53 18	110 0	.....	.....	.....	..	....	....	.....	...	...	..	.....	....	..	..	..	..	..
Loveland	52 30	111 59	.....	4.2	—	4	42.0	16	—45.0	5	22.6	—	—	—	—	—	..	..	..
Ranfurly (Waitefield)	53 29	111 38	2000	0.4	—	9	43 8	15	—44.0	5	26.2	0.53	—	0.14	18	10	3	..	..
Sedgewick	52 47	111 41	.....	—	—	1	47.0	16	—	—	—	0.00	—	0.00	0	0	..	..	..
Sion	53 54	114 15	.....	5 4	—	2	47.0	15	—36.0	5	25.8	1.31	—	0.20	15	13	1	..	..
Vermilion	53 22	110 50	.....	— 2.4	—	1	43.0	17	—41.0	6	22.8	0.25	—	0.05	5	23	..	..	..
Wastina	51 39	111 5	.....	0.1	—	1	38.0	27	—45.0	5	20.9	—	—	—	—	—	..	..	..
Wetaskiwin	52 58	113 23	2480	15.8	+ 6.0	12	51.0	16	—24.0	7	28.6	0.80	+0.16	0.55	4	24	..	..	..
The Red Deer River																			
Alix	52 24	113 10	2585	9.1	—	9	51.0	16	—45.0	5	26.4	0.88	—	0.25	7	21	..	..	..
Alsask	.....	.....	.....	0.0	—	1	36.0	17	—38.0	6-7	18 0	0.26	—	0.15	3	25	..	..	..
Clemens	51 15	114 44	.....	3.6	—	1	39 0	16	—39.0	5-6	28.0	—	—	—	—	—	..	..	2
Delia	51 38	112 25	.....	.....	.....	..	....	....	.....	.....	.....	.....	.....	....	..	..	..	..	..
Didsbury	51 40	114 8	3300	13.5	— 3.2	12	50.0	24	—30.0	5	22.1	0.40	—0 05	0.20	2	26	..	..	..
Harmatton	51 45	114 23	3500	10.0	—	7	55.0	16	—44.0	5	32 2	0 63	—	0.30	5	23	..	..	..
Hilladown	52 14	113 29	2940	9.5	— 2.5	11	50.0	15	—42 0	5	20.9	0.90	+0.28	0.30	9	19	..	..	1
Lacombe (Ex. Farm)	52 58	113 44	2783	9.1	—	10	48.6	24	—41.6	5	24.4	1 00	—	0.30	7	21	..	..	..
Moose (Tyrol)	51 15	110 39	.....	.....	.....	..	....	....	.....	.....	.....	.....	.....	....	..	..	..	..	..
Perbeck	51 58	113 5	.....	7.1	—	1	46.5	16	—36 0	6	20 0	0.50	—	0.17	5	23	..	..	..
Red Deer	52 16	113 49	28 06	8.8	—	—	52.0	15	—39.5	5	27 6	0 74	—	0.30	9	19	..	..	..
Springdale	52 51	110 12	.....	9.1	—	1	52.0	15	—48.0	4	23.3	0.90	—	0.30	8	20	..	..	..
The Bow River																			
Brooke	50 34	111 54	.....	.....	.....	..	....	....	.....	.....	.....	.....	.....	....	..	..	..	..	..
Calgary	51 2	114 2	3427	16.5	+ 2.7	28	55 0	16	—20.0	5	24 3	1.15	+0.60	0.38	11	17	..	..	1
Claresholm	50 2	113 35	.....	12.1	—	1	50.0	15	—27.0	5	25.2	0.27	—	0.23	3	25	..	..	..
Expanse Coulee	.....	.....	.....	6.2	—	1	41.8	27	—43.6	6	20.6	0.95	—	0.30	6	22	..	..	..
Gleichen	50 59	112 54	2952	.....	.....	..	....	....	.....	.....	.....	.....	.....	....	..	..	..	..	..
High River	50 35	113 53	3394	11.7	—	3	51.0	16	—35.5	5	23.3	0 80	—	0.30	4	24	..	..	.
Lawrence (Parkland)	50 16	113 26	3500	10.9	—	8	42 0	26	—38 0	5	27 0	0.30	—	0 10	3	25	..	..	1
Lethbridge (Exp. Farm)	49 43	112 51	.....	11.0	—	7	48.1	28	—40 0	5	25 0	0 96	—	0 28	7	21	..	..	..
Lundbreck	.....	.....	.....	15.5	—	1	44.0	21	—38 0	5	25.0	0.10	—	0.10	1	27	..	..	1
Macleod	49 44	113 24	3128	12 2	— 6 3	19	45.5	17	—35 0	6	24.2	0.38	+0.06	0 20	5	23	..	.	1
Medicine Hat	50 1	110 37	2143	9.6	— 3.0	29	47.0	27	—39.0	6	20.1	0.80	+0.19	0.40	8	20	..	..	..
Medicine Hat (Ex Farm)	... ...	... ...	.....	.....	.....	..	....	....	.....	.....	.....	.....	.....	....	..	..	..	..	..
Okotoks	50 43	113 59	.....	12.9	—	1	49.0	27	—34.0	5	27.1	—	—	—	—	—	..	..	2
Ronolane	50 5	111 34	2350	7.5	—	1	44 4	26	—40 2	5	19.0	0.22	—	0.22	1	27	..	..	..
Strathmore	51 3	113 23	.....	7.8	—	2	46.3	26	—36.0	4	21.6	0.85	—	0 40	4	24	..	..	..
Suffield	50 13	111 9	.....	4.0	—	1	43.0	27	—40.2	5	19.2	0 30	—	0.20	2	26	..	..	..
Sundial	50 6	112 34	.....	7.8	—	3	44.0	16	—36.5	5	20.3	—	—	—	—	—	..	..	..
Rocky Mountains																			
Banff	51 10	115 34	4542	17.9	+ 1.0	17	40.3	14	—41.6	5	21 9	0 25	—0 57	0 07	6	22	..	..	..
Brazeau Forest (Coal Spur)	49 40	114 30	4225	12 3	—	1	63.0	26	—50.0	4	42.6	—	—	—	..	..	..	..	..
Athabasca River																			
Athabasca Landing	54 43	113 17	1650	— 0.7	—	11	44.0	26	—48.0	5	24.6	0.12	—	0.07	2	26	..	..	..
Edson	53 33	116 25	.....	12.1	—	1	54.0	15	—40.0	5	23.0	1.50	—	0.50	6	22	..	..	..
Jasper	.....	.....	.....	17.5	—	1	43.0	16	—34.2	5	23.0	—	—	—	—	—	..	..	..
Lunnford	54 33	114 19	.....	.....	.....	..	....	....	.....	.....	.....	.....	.....	....	..	..	..	..	..
Pembina	54 12	114 0	.....	.....	.....	..	....	....	.....	.....	.....	.....	.....	....	..	..	.	..	..
Peace River																			
Beaver Lodge	55 20	119 24	....	.....	.....	..	....	....	.....	.....	.....	.....	.....	....	..	..	..	..	..
Dunvegan	55 56	118 35	1305	.....	.....	..	....	....	.....	.....	.....	.....	.....	....	..	..	..	..	..
Fort Vermilion	58 27	116 5	.....	—	—	9	—	—	—52.0	3	—	0.50	—	0.15	4	24	4	..	..
Fort Vermilion (2)	.....	.....	.....	.....	.....	..	....	....	.....	.....	.....	.....	.....	....	..	..	..	..	..
Grand Prairie	.....	.....	.....	— 0.1	—	1	42 0	16	—53 0	5	24 4	1.40	—	0 95	3	25	..	..	..
Peace River Crossing	56 15	117 15	.....	— 1.8	—	6	43 0	21	—55 0	5	25.6	0.45	—	0.45	1	27	..	..	1

TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, FEB., 1914.

*Stations not furnished with Registering Thermometers.

STATION.	Latitude N.	Longitude W.	Elevation above sea level, in feet.	Temperature.								Precipitation			Days with .01 or more	No. of fair days.	No. of Auroras.	No. of thunderstorms	No. of fogs
				Mean.	Difference from average.	Yr's observations.	Highest.	Date.	Lowest.	Date.	Mean daily range.	Amount.	Difference from average.	Heaviest fall in month.					
SASKATCHEWAN—																			
Qu'Appelle River	° ′	° ′																	
Broadview	50 23	102 33	1960																
Brownhill (Grenfell P.O.)	50 23	102 53	1957	— 6.9	— 9.0	14	40.0	27	—40.0	4	20 4	0 12	—0.20	0 05	3	25	..	..	..
Buchanan	51 42	102 45																	
Crescent Lake	50 59	102 25	1658	—10.8	—11 3	16	41.1	28	—48.1	11	27.2	0.36	—0.21	0 20	2	26	1		3
Estevan	50 59	103 4	1858	— 5 8	— 6 1	10	34.0	26	—38.0	4	17 4	—	—	—	—	—	..	..	1
Fort Qu'Appelle	50 47	103 47		— 4 9	—	2	45.2	26	—44 2	3	25.9	0.29	—	0 13	6	22	..	..	.
Hubbard (Drumague)	51 5	103 24		— 9 2	—	5	34.0	26–27	—45 0	11	21 8	0 50	—	0 20	3	25	..	..	..
Humboldt	51 5	105 9		— 5 6	—	6	38 0	27	—51.0	4	14 9	—	—	—	—	—	..	..	..
Imperial	52 12	105 23		— 6.4	—	3	40 0	27	—43.0	2	23.2	—	—	—	—	—	..	..	..
Indian Head	51 22	103 40	1924	— 4.1	— 4.0	24	45 0	27	—38 0	5	22 7	0 40	—0.10	0.20	3	25	..	..	..
Kamsack	51 30	101 52																	
Moose Jaw	50 21	105 35	1759	1 0	— 3.6	19	44.0	27	—35.0	3-6	24.2	0 30	—0.54	0.13	5	23	..	..	3
Moosomin	50 0	101 37	1884	— 6 3	— 7.0	11	40 0	27	—35 0	2	16 3	—	—	—	—	—	..	..	..
Muenster (St. Peter's Mon.)	52 0	105 0	1870	— 8 6	—11 9	9	37 0	27	—50 0	3	26.4	0.10	—0.53	0 08	2	26	..	..	1
Pilger	52 25	105 9		— 8 8	—	3	40 0	27	—47.0	3	24.9	0.40	—	0.28	2	26	.		..
Pense (Gatesgarth)	50 20	105 0	1879	— 1.6	— 4.9	16	44 0	27	—38 0	3-5	22 9	—	—	—	—	—	..	..	.
Qu'Appelle	50 30	103 47	2115	— 2 3	— 3 6	29	44.0	27	—41.0	3	23 4	0.32	—0 61	0 13	5	23	..	..	..
Regina	50 27	104 37	1885	— 3 0	— 0.7	28	43 0	27	—40 0	6	24 9	0.25	—0.07	0 13	5	23	.	..	..
Whitewood				— 5.2	—	1	41.0	25	—37.0	11	19 6	0 20	—	0 05	3	25	..	..	..
Yarbo (Fairfield)	50 39	102 4																	
Yellow Grass	49 49	104 9		— 2 0	—	3	40.0	27	—35 0	9	21 2	—	—	—	—	—	..	..	..
Yorkton	51 11	102 29																	
S. Saskatchewan River																			
Chaplin	50 26	106 39	2202	— 1 3	—3 7	28	43.0	27	—40.0	6	20.4	0.45	—0.02	0.20	3	25	..	..	.
Kindersley	51 28	109 9																	
Kintonel (Divide)	49 38	108 53	3500	10 3	—	7	47.0	15	—30.0	5	17.9	0 15	—	0 10	2	26	..	..	1
Kelvinhurst (Nashlyn)	51 46	108 10																	
Larchmount (Pambrum)	49 21	109 29	2500	0 6	—	3	40.0	27	—49 8	4	20.5	0 20	—	0 20	1	27	..	..	..
Rathmullen	51 20	108 57		— 5 6	—	4	39.7	28	—47.0	7	19.2	0.18	—	0.05	4	24	..	..	..
Swift Current	50 20	107 45	2139	4 4	— 4 3	28	46.0	27	—37.0	5	20 3	0 32	—0 27	0.08	12	16	..	..	..
N. Saskatchewan River																			
Anglia	51 53	101 10		— 5.1	—	2	38.0	26	—49 0	3	18 5	0.10	—	0 10	1	27	4	..	.
Battleford	52 41	108 20	1620	— 4.4	— 5.0	23	45.0	27	—46 0	3	18.8	0.40	—0.03	0.23	3	25	..	..	..
Lloydminster	53 18	110 0																	
Luseland	52 5	109 34		— 2 6	—	3	36 5	27	—47 0	3	18 8	0.35	—	0.10	4	24	..	..	4
Onion Lake	53 52	109 59		— 5 9	—	7	44 0	27	—39 0	5	22 9	—	—	—	—	—	..	..	..
Prince (Meota)	53 6	108 20	1700	— 6 8	—	8	40 0	25 27	—50.0	5	24 6	0 10	—	0.10	1	27	..	..	..
St. Walburg	53 36	109 9																	
Scott (Ex. Farm)	51 59	109 30		— 5 7	—	3	37.2	27	—46 6	3	21.9	0.03	—	0 03	1	27		..	..
Waseca	53 6	109 29		— 4.2	—	7	39 0	27	—44 0	3	20 0	0 25	—	0.20	2	26	1	..	
The Saskatchewan Forks																			
Melfort	52 47	104 30		— 9.1	—	5	42.0	27	—48 5	4	27 1	0 20	—	0 10	2	26	..	..	..
Prince Albert	53 10	106 0	1432	— 5 2	— 4.8	29	44.7	25	—47 0	3	26 0	0.06	—0 67	0.02	5	23	..	..	..
Rosthern	52 40	106 20	1657	— 9 9	—	4	38 8	28	—47.6	3	22.1	—	—	—	—	—	..	.	
Saskatoon	52 15	106 30	1571	— 6 8	— 7.8	14	40.0	28	—45 0	3	23 5	0.40	—0 02	0.30	2	26	..		4
Lower Saskatchewan River																			
Lost River	53 17	104 21		—11 4	—	4	41.0	28	—46.0	3	21.8	—	—	—	—	—	..	..	..
MANITOBA—																			
Qu'Appelle and Assiniboine Rivers																			
Boissevain	50 25	101 1	1703																
Brandon	49 51	99 57	1176	— 9 7	—10.5	26	37.9	27	—46.4	11	20.8	0.30	—0 56	0.20	2	26	..	..	..
Carman	49 31	98 0	872																
Cypress River	49 33	99 3	1232																
Hillview	49 55	100 33	1400	— 9.3	— 7.0	28	38.0	27	—41 0	11	—	—	—	—	—	—	..	..	..
Minnedosa	50 15	99 50	1699	— 8 0	— 8.6	30	39 0	27	—45.2	11	23 2	0 30	—0 27	0.14	5	23	1	..	6
Ninette	49 24	99 38	1363																
Ninga	49 14	99 51	1649	— 6 3	—	4	41 0	27	—37.0	10	19 6	—	—	—	—	—	..	..	..
Pierson	49 11	101 5	1531																
Pipestone	49 34	100 58	1400																
Portage la Prairie	49 57	98 17		— 9 8	—11.5	25	40 0	28	—40.0	11	21.6	0.65	+0.00	0.30	4	24	..	..	..
Portage la Prairie (2)	49 56	98 17																	
Russell	50 50	101 20		—11 7	— 6 7	20	40 0	28	—45.0	11	21 0	—	—	—	—	—	..	..	..
St. Alban's (Treesbank)	49 42	99 33	1180	— 6.8	— 5.8	30	42 5	27	—47.0	11	23.8	0.84	+0 03	0.38	9	18	1	..	..
Souris	49 37	100 14																	
Treherne	49 36	98 40	1212	— 6 3	— 6.2	19	40.0	27	—42 0	11	21 0	0 95	+0.07	0 30	8	20	1	..	2
Virden	49 51	100 55	1444																
The Red River																			
Almasippi	49 14	99 20		— 7.5	—10 1	12	43.0	27	—47 0	11	23 0	1 80	+0 99	1 50	3	25	..	..	..
Morden	49 11	98 6	978	— 6.3	—11.2	10	43 0	28	—43.0	11	19 1	2 60	+2.15	1.00	3	25	1	..	..
Oak Bank	49 57	96 42	800	—10 1	— 7 8	17	40.0	27	—46 0	11	19 6	0 90	—1 56	0.60	3	25	..	..	..
Stony Mountain	50 40	97 14	803	— 9 8	—14.3	33	3 .0	28	—43.0	11	25.4	1.10	+0 23	0 60	4	24	..	..	.
Winnipeg	49 53	97 7	760	— 8 8	— 7 7	40	38 8	27	—39 5	10	20 1	0 83	+0 14	0 50	11	17	..	1	3

TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, FEB., 1914.

*Stations not furnished with Registering Thermometers.

STATION.	Latitude N.	Longitude W.	Elevation above sea level, in feet.	Temperature. Mean.	Difference from average.	Yr's observations.	Highest.	Date.	Lowest.	Date	Mean daily range.	Precipitation. Amount.	Difference from average	Heaviest fall in month.	Days with .01 or more.	No. of fair days.	No. of auroras.	No. of thunderstorms.	No. of fogs
MANITOBA—Continued																			
Dauphin Lake and River	° ′	° ′																	
Berens River	52 18	97 23	710	—14.2	—	8	36 0	28	—49.0	19	23.0	—	—	—	—	—	..	..	..
Dauphin	51 8	100 2	957	— 7 8	—	9	44.0	28	—40 0	11-12	23.2	0.40	—	0.40	1	27	..	..	..
Moose Horn Bay Aitkens-ville)	51 15	99 33	810	.....	.....	..	.....	.....	.. ...	.....	....	.....	.....	....	..	.	..	..	..
Lake Winnipegosis																			
The Pas	52 6	101 15	1112	—14.8	—	4	38.0	26-27	—51.0	9	25.0	0.28	—	0.05	7	21	..	..	1
ONTARIO—																			
The Lake Superior Districts																			
Rainy River																			
Dryden	.....	.....	.....	— 8.1	—	1	44 2	28	—52.4	11	29.1	0.40	—	0.30	3	25	..	..	5
Fort Frances	48 36	93 25	.....	.....	.....	..	.....	.....	... ...	...	....	.....	.....	.....	..	.	..	..	..
Ignace	.....	.....	.....	— 7.1	—	1	40.0	28	—51.0	11	14.1	0.55	—	0.55	1	27	1	..	..
Kenora	49 48	9 32	1102	— 8 5	—11 5	15	41.0	28	—49 0	12	20.7	0.65	—0 46	0 35	3	25	..	..	..
Rainy River	.....	.....	.....	— 6.9	—	1	44.0	27	—44 0	11	27.2	—	—	—	—	—	..	..	..
Shoal Lake	49 37	95 6	....	— 7.2	—	1	42 0	27	—51 0	11	28.6	—	—	—	—	—	..	..	..
Sioux Lookout	... ..	.....	.....	—	—	1	—	—	—51.0	11	—	0.30	—	0.05	7	21	1	..	2
Thunder Bay																			
Heron Bay	48 18	86 16	....	— 5.1	—12 7	16	38.0	28	—48 0	10	30 7	1 90	+0.45	0 60	6	22	..	..	..
Kakabeka Falls	48 29	89 26	912	— 6 1	—	6	45 0	27	—50 0	10	33 3	1.05	—	0 90	3	25	..	..	..
Port Arthur	48 27	89 12	644	0 9	— 6 5	33	46.0	27	—37 0	10	24 6	0.39	—0.12	0.17	8	20	..	..	1
Savanne	48 55	90 18	1506	— 9 6	—10.2	13	43.0	28	—52 5	11-12	29.6	0 10	—1.21	0.10	1	27	..	..	.
Schreiber	48 50	87 15	933	— 2 0	— 6.7	14	53.5	28	—41 5	10	21 3	1.90	—	0.80	4	24	2	..	..
Algoma																			
Bisco	47 40	82 11	1333	— 3 7	—	1	42.3	27	—51.5	11	27.0	1.95	—	0.50	6	22	..	..	..
Bruce Mines	46 18	83 55	695	5 0	— 8 6	16	43 0	27	—36.0	12	21 9	1.50	—0.65	0.40	6	22	..	..	..
Chapleau	47 48	83 28	.....	— 4.8	—	1	40 0	27	—49 0	11	25.3	1.50	—	0.50	4	24	..	..	..
Copper Cliff	46 30	80 59	.....	1.4	—	7	38.0	27	—35.0	12	24.7	3 60	—	2.00	8	20	..	..	..
Grassett	48 29	84 29	....	....	. ...	..	.....	.....	.....	...	....	...	.....	....	..	..	..	..	..
Porcupine	48 40	82 14	.....	8 3	—	4	42 0	28	—50.0	11	28 5	1 25	—	0 40	6	23	..	..	..
Providence Bay	48 35	85 16	1252	5.8	—	3	38.0	27	—32 0	12	24 4	0 95	—	0.30	5	23	..	..	..
Timmins (Wawaitia Falls)	48 40	81 30	885	— 7 4	—	2	43 0	28	—52.5	11	29 5	1 55	—	0 30	9	18	..	..	..
White River	48 35	85 16	1248	— 9 7	—10.9	25	40 0	27	—56 0	11	37 8	0.80	—0.65	0.20	5	23	..	..	..
Nipissing																			
Cochrane	49 2	81 0	946	— 5 4	—	3	41.0	29	—46.0	11	24 6	0.60	—	0.30	4	24	..	..	..
Haileybury	47 29	79 39	687	— 0 9	— 9.9	19	44.1	28	—48.0	11	22 9	2 28	+0.34	1.01	11	17	2	..	2
Iroquois Falls	48 45	80 40	850	— 4 4	—	1	46.5	28	—50 6	11	26.0	1.50	—	0.30	13	15	..	..	..
Montreal River	47 8	79 29	.....	— 2.6	—	4	47.0	28	—52 0	11	33.5	1 95	—	0.30	5	23	..	..	..
Upper Ottawa River																			
Rutherglen (Lake Talon)	46 15	74 48	....	0 1	—10.9	20	45 0	28	—40 0	13	21 4	1 85	+0.09	1 20	5	23	..	..	..
Stonecliff (Rockliffe)	46 9	78 6	557	2 0	— 6 6	36	48.0	28	—42 0	11	29.2	2.48	+0.83	1.00	10	18	..	.	..
Upper St. Lawrence and Lower Ottawa Rivers																			
Almonte	45 12	76 13	390	5 5	—	2	43 2	3	—28.0	11	21.0	0 70	—	0 40	3	25	..	..	..
Bloomfield	43 59	77 21	260	11 8	— 4.3	14	39 0	28	—23.0	12	18.9	0 50	—1.70	0.40	2	26	..	..	..
Hillier	.....	....	....	11 9	—	3	38.0	28	—18.0	11	12.9	1 95	—	0.40	7	21	..	..	..
Kingston	44 13	76 29	285	11.1	— 6 5	21	40 2	3	—23.4	12	19 3	0.60	—1.49	0.19	8	20	..	..	..
Montague	44 56	75 57	.....	5 9	—	4	43.0	3	—28 0	11	22.2	0.83	—	0.45	4	24	..	..	1
Morrisburg	44 56	75 12	.....	6 6	—	1	42.8	28	—25.0	12	18.7	0.50	—	0.40	2	26	..	..	..
North Gower	45 8	75 43	.....	.....	..	..	.....	.....	.. ..	..	..	.....	....	....	..	..	..	..	..
Ottawa	45 26	75 42	294	6 2	— 7.3	31	42 0	3	—27 5	11	20.6	1.13	—1.37	0.61	8	20	..	..	..
Renfrew	45 26	76 39	416	5 6	— 6 4	24	46 5	28	—33.0	11	24.3	0.98	—0.40	0.40	11	17	..	..	4
Georgian Bay Counties																			
Barrie	44 23	79 41	839	9.4	—10 6	35	38 5	3	—29 8	12	17.7	2 05	+0.14	0.40	14	14	..	..	..
Beatrice	45 8	79 20	800	5.5	— 8.6	38	40.0	28	—36 0	11	25.0	4.00	+0.92	1 20	7	21	..	..	..
Big Chute (Buskia P.O.)	44 42	79 38	655	3.8	—	1	37 0	3	—45 0	11	26.8	1.45	—	0.60	5	23	..	..	..
Coldwater	44 38	79 40	600	5.2	— 9.2	25	42 0	28	—47 0	11	26.4	1.98	—2.28	0.65	8	20	..	..	..
Collingwood	44 31	80 2	.....	13 4	— 5.4	21	45 0	28	—23 0	11	15 5	0.60	—	0 50	4	24	..	..	..
Grnvenhurst	44 54	79 20	.....	4.8	—10 8	43	41 0	28	—42.0	11	30.4	1 30	—1 00	0.60	4	24	..	..	1
Huntsville	45 19	79 8	....	3 1	—	8	44.0	28	—46 0	11	25 9	—	—	—	—	—	..	..	..
*Midland	44 44	79 53	750	18.0	—	6	50.0	28	—32 0	13	—	0 30	—	0 30	1	23	..	..	..
Markdale	44 19	80 39	.....	7.0	—	2	41 0	28	—27.0	12	19.6	2 60	—	0.60	5	23	..	..	..
Meaford	44 36	80 36	.....	.....	.....	..	.....	.. ..	.....	.....	.....	....	....	....	..	..	..	..	..
Orillia	44 37	79 24	775	8.0	— 7.7	22	41.0	3	—30.0	11	17.8	—	—	—	—	—	..	..	..
Owen Sound	44 34	80 55	597	.....	.....	..	.....	.....	.....	.....	.....	.....	.....	.....	..	..	..	..	..
Parry Sound	45 19	80 0	635	7 0	— 6.9	38	42.0	28	—33 0	11	24.0	2 30	—0.93	0.60	8	20	..	..	..
Ronville	45 15	78 67	1038	3.1	—	7	40.0	28	—47.0	11	29 0	—	—	—	—	—	..	..	..
Sundridge	.....	....	.....	1.5	—	1	43 0	28	—47.5	12	33.0	—	—	—	—	—	..	..	..
Lake Huron Counties																			
Birnam	43 2	81 55	600	13.7	— 6 6	32	40 2	28	—12 1	12	14 6	2 11	—0 97	0.58	9	19	..	..	..
Brucefield	43 32	81 37	...	12.9	— 5 7	11	38.0	3	—13.0	13	15 6	1 73	—0.90	0.53	11	17	..	..	..
Lucknow	43 66	81 30	908	11 7	— 7 1	28	37 2	28	—20.2	12	16 4	2.16	—0.95	0.46	15	13	..	..	..
*North Bruce	44 23	81 25	.....	13 6	— 6.3	26	41.0	28	—19.0	24	—	1.88	—0.70	0.25	13	15	..	..	..
Ridgerest (Goderich)	43 45	81 41	..	12.8	— 9 3	23	37.5	3	—13 0	12-13	13 4	1 57	—1 28	0.57	7	21	..	..	..
Southampton	44 30	81 21	656	13 6	— 5 6	37	41.4	28	—21 2	13	16 8	2.66	—0 31	0.50	14	14	.	..	..
Lakes St. Clair & Erie, Niagara Peninsula																			
Chatham	42 23	82 12	595	17 8	— 5 4	28	45 0	27	— 9 0	24	16.5	2.32	—0.20	0.52	4	24	..	..	..
Cottam	42 7	82 45	606	14 2	—10 3	26	42 0	2-3	—13.0	23	14.2	1 44	—2.92	0.70	6	22	.	..	.
Dutton	42 40	81 32	.....	14 2	—	1	42.0	2	—14 0	3	18 0	1.00	—	0.60	2	26	..	..	1
Grimsby	43 13	79 36	.....	17.6	—	5	44.0	28	—12.0	11	13 2	1 69	—	0 67	8	20	..	..	..
Pelee Island	41 50	82 35	585	...	...	..	...	...	.....	.....	.....	.....	.....	.....	..	..	..	..	..
Port Burwell	42 39	80 55	592	15.6	— 4.3	10	38.0	28	—11.0	12-13	14 4	1 97	—0.65	0.50	9	19	..	..	..
Port Dover	42 27	80 18	635	12.4	—10.2	39	42.5	3	—19.0	12	15 8	1 98	—1.08	0.45	7	21	..	..	.
Port Stanley	42 40	81 13	592	15.5	— 6.0	39	39.2	3	—11.1	18	17.7	2 22	—0.76	0.44	14	14	..	..	1
St. Catharines	43 9	79 17	347	17.1	—	4	58.5	28	—11.0	13	12.4	—	—	—	—	—	..	..	..
Stoney Creek	43 13	79 45	292	16.4	— 3 4	27	44 0	28	—15.0	12	15 0	1.39	—3.26	0.76	4	24	..	..	..
Wallaceburg	42 35	82 24	...	15.4	—	8	42 0	3	— 9.0	17	15.0	1.02	—	0.50	6	22	..	..	..
Welland	42 59	79 17	577	16.2	— 3 6	27	43 0	28	—15 0	13	15.8	1 61	—3.03	0.38	8	20	..	..	..
Windsor	42 20	83 4	625	... .	... ..	..	.....	.....	....	.....	....	.....	.....	....	..	..	..	..	..

TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, FEB., 1914.

* Stations not furnished with Registering Thermometers.

STATION	Latitude N.	Longitude W.	Elevation above sea level in feet.	Temperature: Mean.	Difference from average.	Yr's Observations	Highest.	Date.	Lowest.	Date	Mean daily range.	Precipitation: Amount	Difference from Average.	Heaviest fall in month.	Days with .01 or more.	No. of fair days.	No. of auroras.	No. of thunderstorms.	No. of fogs.
ONTARIO—Continued—																			
West-Central Counties	° ′	° ′																	
Alton	43 61	80 5	1250	11.0	— 6 2	28	38.0	4	—23 0	12-13	16.5	0.90	—0.72	0.40	7	21	..	.	..
Brantford	43 10	80 21	780	14 1	— 6.4	24	43 0	28	—17.0	11	18.9	1.48	—0.34	0.45	10	18	..	..	..
Elora	43 41	80 24	1274	10.8	— 7.6	17	39.0	28	—22 0	12	16.9	1 75	—0 72	0.50	8	20	..	..	1
Guelph	43 33	80 16	1050	13 5	— 5.3	26	41 0	28	—19 0	12	16 0	0 49	—1.17	0.20	7	21	..	..	..
Listowel	43 44	80 58	1262	7.9	— 6.4	14	35 0	28	—22 0	11	15.8	1.50	—2 09	0.50	4	24	..	..	..
London	42 59	81 13	808	15 1	— 8 8	30	42.0	27	—13.0	24	19.0	2.72	—1.35	0 50	8	20	..	..	..
Paris	43 12	80 25	840	15.2	— 6.9	25	43.0	28	—15 0	12	17.5	2.59	+0 09	1.29	8	20	..	..	..
Shelburne	44 5	80 47	....	.....	.....	..	....	.....	.. ..	.....	....	.....	.....	....	..	..	..	..	..
Stratford	43 23	81 0	1191	.....	.....	..	....	.....	.....	.....	....	.....	.....	....	..	..	..	..	..
Woodstock	43 8	80 47	980	12.6	—10 9	40	40.0	28	—14 0	12	16 2	1.09	—1.17	0.69	5	23	..	..	..
Lake Ontario Counties																			
Agincourt	43 47	79 16	590	12.3	— 3 8	19	40.0	3	—21 0	12	15 6	1 66	—1.67	0 50	12	16	..	..	..
Aurora	43 57	79 24	886	10.1	—	6	39 0	3	—24 0	11	17.0	1.20	—1 79	1 00	2	26	..	..	..
Georgetown	43 38	80 2	....	12 1	—	30	39.8	28	—22.0	12	15.2	1.00	—1.65	0 56	8	20	..	..	1
Hamilton	43 16	79 54	303	16 4	— 7.6	39	43 0	28	—15 0	12	12 8	0.85	—1.83	0.40	5	23	..	..	..
Oshawa	43 53	78 52	331	11 9	— 5 7	10	40.0	4	—21 0	12	17.2	0 81	—1 67	0.46	4	24	..	..	..
Toronto	43 40	79 24	350	15 5	— 5 6	74	44.7	3	—18.2	12	15.6	1.87	—0.45	0.53	11	17	..	..	..
Toronto Is.(Lakeside Home)	13 40	79 24	....	16.8	—	9	43 0	3	—20 0	12	16.9	—	—	—	—	—	..	..	..
Uxbridge	44 5	79 8	886	11.8	—	10	40 0	3	—19 5	11	15 1	1.05	—0.93	0.30	4	24	..	..	..
Wexford	43 44	79 17	555	10.5	—	2	39 0	3	—24 0	12	16.2	1.99	—	1.04	4	24	..	..	..
East-Central Counties																			
Buncroft	45 1	77 50	.....	4.2	— 7.3	23	42.0	28	—38 0	10	26.7	—	—	—	—	—	..	..	..
Haliburton	45 1	78 28	1050	4 6	— 9.1	26	43 0	28	—43.0	12	30.3	1.80	—	—	—	—	..	..	..
Kinmount	44 45	78 38	920	2 5	— 8 3	14	39 0	28	—40.5	11	32 3	0.60	—1.58	0.40	3	25	..	..	..
Lakefield	44 25	78 15	850	11.5	— 3.1	27	44 0	27	—25.0	12	21 6	0.60	—1.69	0.20	3	25	..	..	..
Lindsay	44 20	78 45	872	10.3	— 5 9	34	37.8	28	—25 4	12	19 0	0.76	—2 16	0.32	6	19	..	..	..
Madoc	44 30	77 29	575	7.7	— 4 6	10	42 0	13	—28 0	12	20.3	1.20	—1 36	0 55	8	20	..	..	..
Norwood	44 24	77 57	.....	.....	.....	..	....	.....	.....	.....	....	.....	.....	....	..	..	..	..	..
Peterboro'	44 17	78 19	722	9 2	— 4.1	45	45.0	28	—27.0	12	22.4	1.35	—1.25	0 60	4	24	..	..	.
Uxaa	44 54	78 18	....	.....	.....	..	....	.....	.....	.....	....	.....	.....	....	..	..	..	..	..
QUEBEC—																			
Middle St. Lawrence																			
Bark Lake Depot	46 30	75 20	....	— 5.7	—	1	40.0	28	—46 0	11	35.4	1 68	—	1.30	5	23	..	..	..
Beauceville	46 11	70 48	557	— 1.9	—	1	39 0	5	—35.6	24	25.1	2.15	—	1.00	7	21	..	..	..
Brome	45 10	72 36	678	5.8	— 7 6	33	43.0	28	—32.0	11-24	19.4	0.40	—1.53	0 20	4	24	..	..	1
Cap Rouge	46 46	71 18	....	— 0 1	—	3	33.0	5-28	—31.0	11	20.0	3 26	—	0.80	11	17	..	..	..
Cedar Rapids	45 21	74 5	132	.. ..	.....	..	....	....	.....	.....	....	.. ..	.....	....	..	..	..	..	..
D'Israeli	45 55	71 21	896	2 3	—	4	36 0	5	—37.0	23	32.1	1.60	—	0.50	5	23	..	..	..
Drummondville	44 30	72 30	.....	1 3	—	1	38 0	4	—34.0	24	25.0	2 49	—	0 60	11	17	..	..	..
Huberdeau	45 59	74 41	900	2.9	—	1	42.5	28	—37.4	11	28.1	1.70	—	0.40	7	21	..	..	..
Huntingdon	45 5	74 10	....	7.0	—	1	42.0	4	—24.0	12	19.0	1.03	—	0.45	9	18	..	..	..
Joliette	46 2	73 25	....	— 1.9	—	1	35.0	4	—37.0	11	30.4	1.63	—	0.66	5	23	..	..	
Lake Megantic	45 35	70 53	1314	2 5	—	1	43.0	28	—31.0	11	22.9	2.40	—	0 80	8	20	..	..	.
MacDonald College (Ste. Anne de Bellevue)	45 27	73 59	...	4.7	—	8	43 0	28	—29.2	11	17.6	—	—	—	—	—	..	..	..
Montreal	45 30	73 35	187	8.0	— 6 7	39	40.6	28	—26.9	11	16.7	1.57	—1.66	0.42	10	18	..	..	2
Nicolet	46 15	72 36	.....	1.1	—	1	40 0	28	—31 0	11	24.0	2.15	—	0.65	8	20	..	..	..
Nominingue	46 27	75 0	.....	—	—	1	—	—	—38.0	—	—	0.80	—	0 35	7	21	..	..	..
Quebec	46 48	71 13	296	3.5	— 8.3	39	41.0	28	—31.2	11	18.1	2.49	—0.67	0 80	9	19	..	..	..
St. Lin	45 43	73 47	....	0.4	—	1	36 0	4	—37.0	13	25.6	1.30	—	0 50	4	24	..	..	
Shawbridge	45 54	74 3	...	.....	.....	..	....	.....	.....	.....	....	.....	.....	....	..	..	..	..	8
Shawinigan Falls	46 34	72 43	.....	— 4.7	—	9	34.0	28	—36.0	11	22.4	2.70	—	0 50	9	19	..	..	11
Sherbrooke	45 24	71 53	620	4 8	— 5.4	11	45 2	28	—30.7	24	20.7	1.39	—1.54	0.40	15	13	..	..	..
Lower St. Lawrence & Gulf																			
*Anticosti, E. Pt.	49 6	61 42	30	.....	....	..	....	.....	.....	....	....	.....	.....	...	..	..	..	..	..
Anticosti, S.W. Pt.	49 24	63 33	.....	.....	.....	..	....	....	.....	....	....	....	.....	....	..	..	..	..	..
*Anticosti, W. Pt.	49 52	64 32	30	.....	.. ..	..	....	.....	.....	....	....	.....	.....	....	..	..	..	..	..
*Bicquet	48 25	68 53	.....	1 4	—	30	40.0	28	—.6.0	11-19	—	3.35	—	0 60	8	20	..	..	..
*Cape Chatte	49 6	66 45	.....	7.2	— 7.1	25	56.0	28	—18 0	11	—	1.00	—	0.40	4	24	..	..	..
*Cape Magdalen	49 16	65 20	93	6 4	— 7.5	29	42.0	28	—18.0	11	—	2.39	+0 30	0 50	11	17	..	..	..
Cascapscal	48 21	67 12	450	— 2.5	—	1	38.0	28	—38 5	21	26.6	3.21	—	1.10	10	18	..	..	..
Father Point	48 31	68 19	20	3 2	— 8.0	36	44 0	28	—28 0	21	18.7	1 62	—0.81	0.40	11	17	..	..	..
Ste Anne de la Pocatiere	47 22	70 2	65	3 0	—	3	36.0	28	—32 6	11	19.3	1 30	—	0.40	8	20	..	..	..
Tadousac	48 10	69 47	.....	— 0.2	—	1	37.0	28	—36.0	11	15 9	2.75	—	1.10	7	21	..	..	..
Lake St. John																			
Chicoutimi	48 25	71 5	150	—	—	36	—	—	—	—	—	0.86	—0.78	0 20	11	17	..	..	..
Chicoutimi (2)	48 25	71 5	.....	— 9.0	—	3	20.0	4-28	—39 0	21	11.2	0.70	—	0.40	3	25	..	..	..
Lake Edward	47 39	72 15	1333	—12 2	—	5	34 0	28	—51.0	11	24 4	1 85	—	0 90	5	23	..	.	..
La Tuque	47 27	72 48	520	— 3 4	—	3	38 0	28	—39.0	21	26 7	1.30	—	0 35	8	20	.	..	..
Manouan Crossing	47 51	73 50	....	— 3 2	—	2	37.0	28	—42.0	11	29.2	2.50	—	0.60	12	16	..	..	..
Mistassini	48 54	72 16	360	— 9 8	—	2	34 0	28	—40 5	11	25.1	3.07	—	1.20	9	19	..	..	4
Roberval	48 31	72 13	352	— 5 1	—	8	46 0	28	—35 0	11	23.0	—	—	—	—	—	..	..	..
The Northwestern Districts																			
Abitibi	48 33	79 22	.....	— 5 9	— 8.5	17	44 0	28	—51.0	11	22.7	1.30	—0.01	0 30	6	22	..	..	..
Amos	48 36	78 7	.....	7 7	—	1	43 8	28	—63.0	10	26.5	1.05	—	0.30	7	21	..	..	..
Quinze Dam	47 34	79 16	.....	...	.....	..	....	...	.....	.....	....	...	.....	....	..	..	..	..	..
Temiskaming	46 44	79 7	.....	2.9	—	1	46.0	28	—47.0	11	25.7	3 23	.....	1.83	6	22	..	..	.
Ville Marie	47 65	79 25	.....	— 1 6	—	1	47.0	28	—58.0	11	30.4	3 60	—	1.70	5	23	..	..	5
White Shore Lake	48 12	75 43	1394	.....	.. ..	..	...	...	.....	.....	....	....	.. ..	....	..	..	..	..	..
The North Shore																			
Clarke City	50 10	66 25	.....	.....	.....	..	....	.....	.....	.....	....	.....	.....	....	..	..	..	..	..

TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, FEB., 1914.

*Stations not furnished with Registering Thermometers.

STATION	Latitude	Longitude	Elevation above sea level, in feet	TEMPERATURE								PRECIPITATION			Days with .01 or more	No. of fair days	No. of Auroras	No. of thunderstorms	No. of fogs
				Mean	Difference from average.	Yr's Observations	Highest	Date	Lowest	Date	Mean daily range	Amount	Difference from average	Heavest fall in month					
NEW BRUNSWICK—	° ′	°																	
Chatham	47 3	65 29	21	4 1	—10.1	39	45.0	28	—28 0	19	18 5	2.34	—0 45	0.52	10	18	..	..	..
Dalhousie	48 4	66 22	39	2.2	— 8.3	37	32.0	28	—23.0	11-19	18.9	3 80	+0.97	1.60	6	22	..	..	..
Edmunston	.....	.....	.....	—	—	1	—	—	—	—	—	—	—	—	—	—	..	..	..
Fredericton	45 57	66 36	164	8 6	— 7.5	41	47.5	28	—24.0	22	25 0	1.40	—2.55	0.40	8	20	..	..	..
Fredericton (Ex-Farm)	.....	.....	106	6.1	—	2	41.5	28	—23.0	22	23.3	1 49	—	0.70	4	24	..	..	..
Grand Falls	47 2	67 44	....	—	—	1	—	—	—	—	—	2.10	—	1.30	3	25	.	..	..
Moncton	46 9	64 45	50	6 7	—10.2	17	44 0	28	—24.0	21	23.8	1.40	—1.38	0.60	5	23	..	..	..
*Point Lepreaux	45 4	66 28	30	15.6	— 6 9	36	40 0	4	—18.0	12	—	2 30	—0.74	0.66	5	23	..	..	2
St. John	45 17	66 4	70	15.0	— 4 7	41	43 9	7	—19.7	12	17 8	2.10	—1.17	0.66	8	20	..	.	3
St. Stephen	45 11	67 16	35	8.9	— 8 5	17	45 0	22	—30.5	16	26.4	1.38	—1 53	0.80	3	25	..	..	..
Sussex	45 38	6 38	96	10.7	— 5.7	17	46.0	8	—28.0	25	23.1	1.40	—2.32	0.50	5	23	..	..	..
Williamsburg	46 20	66 43	.....	...	.....	..	....	.....	.....	.....	....	....	....	....	..	..	..	..	..
NOVA SCOTIA—																			
Advocate	45 19	64 46	.....	14 7	—	2	50 0	7	—17.0	12	20.1	2.65	—	1 50	4	24	..	..	..
Antigonish	45 38	61 59	50	12 2	—	4	48.0	8	—20.0	22	25.7	—	—	—	—	—	..	..	.
Halifax	44 39	63 36	88	17.7	— 6.2	39	47.3	7	—13.0	12-22	21.1	4.53	+0.01	1.22	12	16	..	..	2
Kentville	45 3	61 36	40	9 0	—	3	47.0	7	—21.0	22	18.0	2.34	—	1.30	7	21	..	..	1
Kentville (2)	.....	.....	...	14.2	—	1	43.0	4	—17.0	22	15.7	2 59	—	0 70	7	21	..	..	..
Liverpool	44 0	64 40	50	16 8	—	1	49.0	1-3-8	—17.0	17-23	29.6	5 80	—	2.31	7	21	..	..	4
Nappan	45 46	64 34	.....	10.6	—	1	42.0	7	—27.0	22	18.5	2 60	—	1.50	5	23	..	..	..
New Germany	44 30	64 42	.....	16.5	—	2	47.0	7	—27.0	22	17.9	2 55	—	1.00	3	26	..	..	..
Parrsboro'	45 23	64 19	40	—	—	17	—	—	—	—	—	2.10	—	1.60	2	27	..	..	2
Port Hastings	45 39	61 22	45	.....	.....	..	....	.....	.....	.....	....	.....	.....	....	..	..	..	..	..
*Sable Island, E. Pt	43 58	59 46	25	.....	..	..	....	.....	.....	.....	....	.....	.....	....	..	..	..	..	..
Sable Island (Main Station)	43 57	60 6	25	...	.....	..	....	.....	.....	.....	....	.....	.....	....	..	..	..	..	..
Sutherland's River	.....	.....	.....	11 7	—	1	51.0	8	—21.5	22	24.4	—	—	—	—	—	..	..	.
Sydney	46 10	60 10	35	14.3	— 7.1	40	48 0	8	—15 5	24	19.5	3 00	—1.45	1.00	8	20	..	..	2
Truro	45 22	63 18	77	13.3	— 6.5	40	49.5	7-8	—24.6	25	23 8	2.49	—1 36	0.90	10	18	..	..	1
Truro (2)	45 25	63 15	.....	.....	.....	..	....	.....	.....	.....	....	.....	.....	....	..	..	..	..	.
*Whitehead	45 15	61 8	20	16 8	— 6.4	31	44.0	7	—12.0	11	15.9	1 80	—2.75	0.60	4	24	..	..	1
Windsor	44 59	64 6	90	15 2	— 4 5	11	49 0	8	—18.5	22	16.5	2.81	—0 92	1.00	8	20	..	..	..
Wolfville	45 7	64 20	.....	17.2	— 4 2	13	51.0	7-8	—15.5	12	21.7	1 71	—2 66	0.70	4	24	..	..	..
Yarmouth	43 50	66 2	65	21 5	— 4.3	33	47 0	7	— 6.4	12	16.0	3.92	—0.25	0.77	17	11	..	.	2
P. E. ISLAND—																			
Charlottetown	46 14	63 10	38	10 4	— 7.8	38	42.0	7	—21.0	22	20.7	2.96	—0.41	1.40	8	20	..	..	..
Charlottetown (Exp. Farm)	46 14	63 7	75	9.8	—	4	43.0	8	—21.0	22	20.3	3.18	—	1.90	7	21	..	..	..
Hamilton	46 25	63 48	.....	.....	.....	..	....	.....	.....	.....	....	.....	.....	....	..	..	..	..	..
Summerside	46 18	63 51	.....	.....	.....	.	....	.....	.....	....	....	.....	.....	....	..	..	..	..	..
NEWFOUNDLAND—																			
*Amour Point	51 28	56 51	.....	.....	.....	..	....	.....	.....	.....	....	.....	....	...	.	.	..	..	..
Burin	47 0	55 10	27	18.9	—	6	43.0	8	— 4 0	20	20.7	5.70	—	0.90	21	7	..	..	..
*Cape Norman	51 38	55 52	.....	...	.....	..	...	.....	.....	...	...	.....	...	...	..	..	..	..	..
Fogo	49 43	54 17	30	9.6	—	5	39.0	8	— 8 0	7	14.7	0.35	—	0.07	8	20	..	..	..
*Point Riche	50 42	57 25	35	1 9	—11 3	30	33 0	28	—17 6	21	—	0 03	—2.54	0.03	1	27		..	..
Port aux Basques	47 35	59 10	27	10 9	—	6	36.5	8	— 9 5	12	13.9	3.88	—	0.75	16	12		..	..
St. George's	48 28	58 25	.....	14.8	—	21	32.9	4	—10.5	20	15.7	5 60	—	0.70	19	9		..	..
St. John's	47 34	52 42	125	15.0	— 8.3	41	46.0	8	— 5 0	13	14.6	2.58	—3.10	0 94	9	19		..	..
BERMUDA—																			
Prospect	32 17	64 46	151	61.0	— 0.8	23	71.0	8	47.8	25	10.1	10 40	+5 61	2 72	14	14			..

PRECIPITATION AT STATIONS REPORTING RAIN, SNOW, WEATHER, &c., DURING FEB., 1914.

STATIONS.	RAINFALL.					SNOWFALL.				REMARKS
	Amount in inches.	No. of Days .01 or over.	No. of Fair Days.	Heaviest Fall in Month.	Date.	Amount in inches.	No. of Days.	Heaviest Fall in Month.	Date	
British Columbia—										
Alkali Lake	0 00					25 3	8	5.5	2	
Aanis (Canoe Point)	1.08	6	14	0.52	22	9.1	8	3 0	2	
Beaver Lake (Royal Oak)	2 34	8	20	0.56	22					
Coquitlam	5.44	8	19	1.23	21	2 5	1	2 5	3	
Denman's Island	4.74	7	20	1 59	28	1 0	1	1 0	3	
Ferguson	0.00					30.0	6	8.0	24	
Goldstream Lake	3.46	16	12	0.79	27					
Hornby Island	5.55	7	20	1 05	23	2.5	2	2.0	5	
Hydraulic										
Invermere	0 00					9.1	4	4 0	4	
Jordan River	5 96	16	12	1.26	21					
Jordan River (Bear Creek)	5.55	14	13	2.28	27	1.1	2	1.0	3	
Little Qualicum(Fr.Cr.V.I.)	3 16	6	22	0.98	27					
Lumby	0 04	1	21	0.04	23	16.5	6	5.5	4	
Nass Harbour	5.58	14	8	1 30	25	8.8	6	2 8	6	
Rock Creek	0.61	2	24	0.49	21	4.0	2	2.0	3-10	
Sooke Lake	3 85	9	19	1 23	27					
Stamps Falls (Alberni)	5.37	10	18	1.64	26					
Wycliffe	0.01	1	24	0.01	22	9.5	4	3 0	3-21-27	
Alberta—										
Bardo	0.00					4 0	—	—	—	
Beaver Mines	0 20					7.0	2	4.0	3	
Bismark	R	0	28	R	14	S	2	S	22-27	
Bittern Lake	0.00					8 0	9	2.0	12	
Brooks	0.00					10 5	8	2.3	1	
Bruederheim										
Caldwell	0.00					6 5	4	3.0	21	
Claresholme	0.00					6 8	4	2 5	21	
Clariada	0 00					10.0	2	6 0	6	
Coleman	0 00					5.5	4	3.0	21	
Conjuring Creek	0.00					5.2	4	2.0	13	
Cree Bank Ranch (Cowley)	0.00					9 1	10	3 5	21	
Dorenlee (Bashaw)	R	0	28	R	23	6 0	4	2 0	8	
Dunstable (Five Lakes)	0 00					4.9	7	1.6	9	
Grassy Lake	0.00					0.0	—	—	—	
Jumping Pound	0.00					6 0	5	2.0	3	
La Pearl										
Lethbridge	0 00					5 0	5	2 0	21	
Lineham	0.00					5 8	2	3.3	18	
Lyndon	0.00					9.0	5	3.3	4	
Macleod	0.00					9 5	5	4 0	21	
Mayeroft	0 02	1	3	0.02	27	4 3	4	2 6	21	
Mountain View	0 00					7 5	4	3.0	21	
Nanton	0.00					6 5	4	2 0	18	
Nateby	0.00					3 1	4	1.0	11-17	
Pekisko	0.00					3 5	4	1.3	1	
Ponoka	0.00					7.5	4	3 0	9	
Roycroft Ranch (Manville)	0.00					1 0	1	1 0	11	
Seven Persons	0 00					6 5	2	4 5	22	
Waterton Mills	0.64	1	23	0.64	27	13 0	5	3 0	21	
Saskatchewan—										
Gull Lake	0.00					3 7	3	2.2	23	
Gull Lake (Fks. Swift Cur.)	0 00					0 8	2	0 5	27	
Wapashoe	0 00					1 8	4	1.0	18	
Manitoba—										
Cartwright	0.00					4.3	4	3.0	2	
Delornine	0.00					0.5	2	0.5	9-12	
Rapid City	0.00					6.2	4	2.7	2	
Ontario—										
Bow Park Farm(Brantford)	0 00					10.8	12	4.5	6	
Deer Park	0 73	2	22	0.67	7	16.0	5	4.0	15	
Dutton										
Emsdale	0 00					11 8	8	5.0	7	
Fort Frances	0 00					2.8	5	0 9	2	
Grand Valley	0.00					13 0	7	5 0	7	
Grantham	1 15	2	20	0.65	1	5.5	7	1 5	22	
MacCue	0.00					12.0	4	6.0	7	
Niagara Falls	0 00					10.0	5	3 0	12-14-21	
Nipigon	0.00					3.8	4	2.5	2	
Point Clark										
Princeton										
Rock Chapel (Grimsby)	0 37	1	18	0.37	7	11 0	10	3.0	7	
Strathroy										
Sydenham	1.15	2	23	0.65	4	9.0	3	4.0	6	
Watford	0.00									
Wawaiton Falls										
Westmiaster	0.00					11 5	4	4 0	17-22	
Westport	0 00					4.3	2	4 0	7	
Wiarton	0.00					40.0	16	10.0	9	

PRECIPITATION AT STATIONS REPORTING RAIN, SNOW, WEATHER, &c., DURING FEB., 1914.

STATIONS	RAINFALL.					SNOWFALL.				REMARKS
	Amount in inches	No. of Days 01 or over.	No of Fair Days.	Heaviest Fall in Month	Date	Amount in inches	No. of Days.	Heaviest Fall in Month	Date	
QUEBEC—										
Kipawa Dam	0 00					17.8	8	10.1	7	
Lucerne	0 00					11 5	4	6 0	7	
Perkins Mills	0 00					16 0	4	7.0	7	
Quinze Dam										
Timiskaming										
NEW BRUNSWICK—										
Point Escuminac	0.04	1	20	0.04	14	22 7	7	8 5	15	
NOVA SCOTIA—										
Milton	1 86	1	22	1 86	7	17 5	5	9 5	16	
South Alton	0 46	3	19	0 20	7	30.0	7	13	17	
White Rock	0 46	2	23	0 30	7	42 0	3	24	14	

PRESSURE, HUMIDITY, CLOUDINESS AND WIND AT STATIONS OF THE FIRST CLASS DURING THE MONTH OF FEB., 1914.

a Barometer not reduced to sea level

STATION	Latitude N.	Longitude W.	Elevation above sea level, in feet.	Pressure. Mean reduced.	Pressure. Highest.	Pressure. Lowest.	Pressure. Range.	Mean relative humidity	Mean amount of cloud.	No. of days completely clouded.	Direction of Wind from N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	C.	Total number of observations.	Velocity of Wind. Mean miles per hour.	Maximum velocity.	Date and direction from.
BRITISH COLUMBIA—	° ′	° ′																					
Atlin	59 35	133 38	2240	30.02	30 75	29 40	1.35	—	8	10	7	6	3	1	6	0	0	2	31	56	4.6	.....	.....
Barkerville	53 2	121 35	4180	30 00	30.40	29 31	1.09	—	7	13	0	0	0	1	0	2	0	1	52	56	... ..	.....	.....
Kamloops	50 42	120 29	1245	30.12	30 59	29 44	1 15	70	6	9	0	1	4	1	8	5	10	1	26	56	.....	.....	.....
a Nanaimo	49 10	123 37	125	29.96	30.34	29.20	1.14	96	8	15	0	0	0	11	8	4	4	6	23	56	.....	.....	.....
Prince Rupert	54 18	130 18	170	29.90	30.31	29 35	0.96	86	7	13	1	0	23	1	0	0	3	0	28	56	.....	.....	.....
Triangle Island	50 52	129 5	680	.....	.....	.....	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	.....	.....
a Tranquille	50 41	120 29	....	28 81	29.27	28.01	1 26	86	8	12	3	0	4	1	0	0	2	2	44	56	.....	.....	.....
Vancouver	49 17	123 5	136	30.09	30.49	29.28	1.21	83	7	11	2	2	4	3	1	2	1	10	11	56	.....	.....	.....
Victoria	48 24	123 19	85	30 06	30.49	29.24	1.25	82	7	9	27	1	12	1	2	2	6	0	5	56	7.6	29	1W
YUKON—																							
Dawson	64 4	139 20	1200	30.09	30.82	29 31	1 51	—	8	17	12	0	1	0	1	0	0	0	42	56	.....	.....	. ....
ALBERTA—																							
Banff	51 10	115 34	4542	30 11	30.61	29 37	1 24	68	6	0	0	7	1	4	0	26	5	1	12	56	.....	.....	.....
Calgary	51 2	114 2	3389	30 10	30.58	29.41	1.17	85	5	5	1	3	9	7	3	0	5	19	9	56	4.1	22	27NW
Edmonton	53 33	113 30	2158	30.16	30 67	29 20	1 47	74	5	7	7	7	4	10	3	15	2	6	2	56	6.1	34	27NW
Medicine Hat	50 1	110 37	2161	30.12	30.61	29.19	1 42	87	6	3	1	8	3	0	4	23	4	4	8	56	.....	.....	.....
SASKATCHEWAN—																							
Battleford	52 41	108 20	1620	30.23	30.67	29.26	1.41	—	4	2	0	1	0	12	0	1	3	8	31	56	.....	.....	.... .
Moose Jaw	50 21	105 35	1759	30 29	30.76	29.17	1.29	—	4	7	8	5	4	4	0	9	15	3	36	84	.....	.....	.....
Prince Albert	53 10	106 0	1432	30.19	30 67	29.29	1.38	99	4	4	3	5	0	2	0	5	5	6	30	56	3.2	.....	.....
Qu'Appelle	50 30	103 47	2115	30 20	30 64	29.39	1.25	71	4	4	3	3	1	2	11	13	3	19	1	56	10.2	36	28NW
Swift Current	50 20	107 45	2439	30.17	30.60	29.41	1.19	73	6	6	2	7	3	8	4	12	11	8	1	56	11 9	.....	.....
MANITOBA—																							
Le Pas	53 49	101 15	860	30 33	30.96	29.23	1.73	—	4	4	6	0	2	0	10	1	24	7	6	56	5.7	.....	.....
Minnedosa	50 15	99 50	1699	30.27	30 84	28.22	1 62	95	4	3	2	2	5	3	1	3	8	17	15	56	.....	.....	.....
Winnipeg	49 53	97 7	760	30.29	30.89	29.16	1.73	94	4	2	5	2	1	12	12	10	13	21	8	84	10.0	47	28NW
ONTARIO—																							
Cochrane	49 2	81 0	946	30 22	30 95	29.37	1 58	—	4	3	7	1	0	2	8	4	11	20	3	56	7.3	26	21NW
Haileybury	47 29	79 39	687	30.20	30 92	29 28	1.64	88	5	4	6	1	0	3	7	8	5	13	13	56	.....	.....	.....
Kingston	44 13	76 29	285	30.19	30.82	29.20	1.62	81	6	2	6	17	3	1	2	7	11	9	0	56	8.8	.....	.....
a Lindsay	44 20	78 45	872	29.17	29 74	28 27	1.47	—	5	4	15	3	7	5	12	20	5	14	3	84	.....	.....	.....
London	42 59	81 13	808	30.24	30.88	29.35	1 53	91	5	4	0	41	8	5	0	6	0	24	0	84	.....	.....	.....
Ottawa	45 26	75 42	294	30.16	30.76	29.23	1 53	93	4	2	6	6	6	0	0	9	19	17	2	56	.....	.....	.....
Parry Sound	45 19	80 0	635	30.15	30 86	29 00	1 86	84	5	7	3	6	2	7	2	10	3	20	3	56	8.3	33	21 SW
Port Arthur	48 27	89 12	644	30 19	30 91	29.18	1.73	77	4	4	7	2	1	0	3	2	20	41	8	84	8.7	37	28NW
Port Stanley	42 40	81 13	592	30.24	30.85	29 38	1.47	86	5	9	2	17	2	2	0	3	12	11	7	56	... ..	.....	.....
Southampton	44 30	81 21	656	30 17	30 88	29 47	1 41	91	7	12	11	6	8	1	8	12	4	5	1	56	.. ..	.....	
Stonecliff	46 9	78 6	557	30 13	30.82	29 09	1.71	—	4	2	3	0	7	0	0	0	15	0	31	56	4 3	15	7N,22W
Toronto ..	43 40	79 24	350	30.20	30.87	29.20	1 67	82	4	2	16	4	1	0	1	7	20	7	0	56	15 8	47	7,W
White River	48 35	85 16	1252	30.13	30 93	29.23	1.70	—	4	6	8	1	2	3	7	1	6	4	24	56	.....	.....	.....
Woodstock	43 8	80 47	980	30.23	30 84	29.38	1.46	—	6	6	4	6	4	7	0	5	34	5	0	65	13.1	36	7,W
QUEBEC—																							
Anticosti S.W. Pt	49 24	63 35	30	.....	.....	.....	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	.....	.....
Father Point	48 31	68 19	20	30 02	30 64	29 28	1 36	58	5	6	12	0	5	0	8	2	14	6	9	56	14 5	55	8W
Montreal	45 30	73 35	187	30 13	30 80	29.14	1.66	60	3	3	4	10	5	4	2	5	39	14	1	84	15.7	44	7sw,nw
Quebec	46 48	71 13	296	30.09	30 71	29 17	1 54	68	4	4	3	16	5	1	1	14	38	3	3	84	14.1	53	7 NE
Sherbrooke	45 32	72 5	620	30.14	30 83	29.15	1 68	72	4	3	13	0	1	7	14	2	36	8	3	84	.....	.....	.....
NEW BRUNSWICK—																							
Chatham	47 3	65 29	21	30 12	30 55	29.05	1.50	70	3	2	3	1	4	0	0	9	25	10	4	56	.....	.....	.....
Fredericton	45 57	66 36	164	30.06	30.58	29 09	1.49	78	4	4	2	7	1	4	3	6	26	31	4	84	10.2	35	10NW
St John	45 17	66 4	70	30.03	30.55	28 80	1 75	69	4	5	14	6	3	3	4	9	11	32	2	84	16.0	44	10NW
NOVA SCOTIA—																							
Halifax	44 39	63 36	88	30 00	30.58	29.01	1.57	86	6	5	5	10	3	7	2	5	9	15	0	56	15.2	54	14,SE
Sable Island (MStation)	43 57	60 6	25	.....	.....	.....	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	88	18SW
Sydney	46 10	60 10	35	29.55	30 63	28.70	1 93	90	6	10	2	3	0	8	1	6	16	45	7	84	20.7	58	18NW
Truro	45 22	63 18	77	30 03	30 60	28 98	1.62	—	5	3	14	10	3	3	5	7	27	11	4	84	.....	.....	.....
Truro (2)	45 25	63 15	.....	.....	.....	.....	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	.....	.....
Wolfville	45 7	64 20	.....	29 99	30 62	29.11	1.51	—	4	1	0	6	5	1	2	14	15	7	6	56	.....	.....	.....
Yarmouth	43 50	66 2	65	30 04	30.56	29.24	1.22	81	7	10	6	9	4	5	5	3	2	22	0	56	17.2	42	16NW
P. E. ISLAND																							
Charlottetown	46 14	63 10	38	29.98	30 62	29.04	1 58	82	4	1	3	6	3	2	3	5	8	17	8	56	9.6	35	14 SE
NEWFOUNDLAND																							
Burin	47 0	55 10	27	29 88	30.60	28 80	1.80	—	—	—	3	0	1	4	1	9	7	30	1	56	.....	.....	.....
Fogo	49 43	54 17	30	29.77	30.61	28 68	1 93	—	5	2	5	3	0	3	4	5	21	11	0	52	.....	.....	.....
Port aux Basques	47 35	59 10	27	29.88	30.57	28 93	1.64	—	8	16	9	1	8	1	1	1	28	5	2	56	.....	.....	.....
St. George's	48 27	58 31	21	29.90	30.52	28.72	1.80	67	7	10	4	0	5	3	2	7	4	31	0	56	.....	.....	.....
St. John's	47 34	52 42	125	29.76	30.54	28.67	1.87	66	6	6	7	1	0	5	1	12	1	24	5	56	.....	.....	.....
BERMUDA																							
Prospect	32 17	64 46	151	30.15	30.50	29.65	0.95	85	7	5	18	7	1	6	16	16	7	13	0	84	.....	.....	....

FREQUENCY OF THE WIND FROM THE EIGHT CARDINAL POINTS AT STATIONS OF THE SECOND CLASS, DURING THE MONTH OF FEBRUARY, 1914

STATION	DIRECTION OF WIND FROM									
	N.	N.E.	E.	S.E.	S.	S.W.	W	N.W.	C.	Total number of Observations
ALBERTA—										
Athabasca Landing	1	4	2	7	2	2	5	5	0	28
Beaver Lodge	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Didsbury	0	0	7	3	3	5	0	9	0	27
Halkirk (Emsburg)	4	3	1	15	4	16	3	10	0	56
Hillsdown	2	4	0	15	4	7	0	10	14	56
Loveland	0	5	1	23	0	10	7	10	0	56
Macleod	2	7	4	8	0	1	25	6	3	56
Ranfurly (Waitefield)	8	4	18	9	7	12	11	13	2	84
Sion	8	2	2	27	10	2	12	16	0	79
SASKATCHEWAN—										
Brownhill (Grenfell)	0	3	2	6	5	18	0	22	0	56
Chaplin	6	3	1	10	4	6	12	9	5	56
Crescent Lake	7	1	0	1	4	4	6	4	1	28
Estevan	0	0	3	5	0	6	5	5	5	28
Fort Qu'Appelle	3	3	14	4	1	7	20	2	2	56
Indian Head	1	5	3	4	3	27	13	25	3	84
Kamsack	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Larchmount (Pambrum)	0	15	1	8	0	23	2	7	0	56
Muenster (St. Peter's Monastery)	6	2	1	2	26	10	6	3	0	56
Onion Lake	0	3	11	3	1	1	6	3	0	28
Pense (Gatesgarth)	0	1	0	14	0	1	4	8	0	28
Waseca	0	5	3	1	0	6	8	5	0	28
Yarbo (Fairfield)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
MANITOBA—										
Berens River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brandon	2	9	4	6	1	8	18	19	7	74
Hillview	7	3	3	7	1	16	2	45	0	84
Moose Horn Bay (Aitkensville)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Morden	14	0	0	4	4	7	14	6	4	53
Oak Bank	4	2	0	2	2	15	0	23	8	56
Stony Mountain	7	2	2	3	10	10	9	13	0	56
ONTARIO—										
Agincourt	10	7	6	1	2	28	5	25	0	84
Alton	23	0	11	3	3	5	34	5	0	84
Beatrice	0	0	0	7	11	6	2	16	42	84
Birnam	6	8	3	1	8	9	12	6	3	56
Brucefield	0	8	8	7	10	12	4	17	0	56
Cottam	11	7	4	2	4	8	18	2	0	56
Guelph	5	17	0	5	0	22	10	22	3	84
Gravenhurst	5	0	5	15	10	7	8	10	24	84
North Bruce	16	15	14	3	16	6	7	7	0	84
Orillia	1	1	0	3	4	6	12	1	0	28
Port Dover	14	4	2	0	4	8	12	12	0	56
Stoney Creek	6	12	10	4	0	4	46	2	0	84
Wexford	2	0	3	0	0	9	2	7	5	28
QUEBEC—										
Abitibi	17	2	7	7	24	3	20	4	0	84
Anticosti, Heath Point	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Anticosti, West Point	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bicquet	4	7	2	0	13	17	9	31	1	84
Brome	7	0	8	0	12	6	50	1	0	84
Cape Chatte	2	9	3	0	2	4	40	7	17	84
Cape Magdalen	1	3	2	3	18	1	4	46	6	84
Cap Rouge	12	4	0	0	0	0	0	12	0	28
Cedars	.....	.....	.....	.....	.....	.....	.....	..	.....	.....
Chicoutimi	0	2	4	4	0	4	17	2	51	84
Clarke City	....	.....	.....	.....	.....	.....	.....	.....	.....	.....
NEW BRUNSWICK—										
Dalhousie	0	0	5	4	0	0	0	17	1	27
Moncton	1	5	1	1	0	0	2	18	0	28
Pt. Lepreaux	13	6	7	4	1	6	7	28	0	72
Sussex	1	4	0	0	1	0	0	9	13	28
NOVA SCOTIA—										
Kentville	7	5	7	1	3	3	21	9	0	56
Liverpool	1	4	4	0	0	1	5	13	0	28
Sable Island, E. Pt.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Whitehead	7	2	2	1	4	4	1	7	0	28

MEAN PROPORTION OF BRIGHT SUNSHINE REGISTERED IN EACH HOUR OF THE DAY IN THE MONTH OF FEBRUARY 1914.

STATION	Hours Ending																
	4 a.m.	5 a.m.	6 a.m.	7 a.m.	8 a.m.	9 a.m.	10 a.m.	11 a.m.	Noon.	1 p.m.	2 p.m.	3 p.m.	4 p.m.	5 p.m.	6 p.m.	7 p.m.	8 p.m.	9 p.m.
Shawnigan Lake	....	.....	.....	....	.04	.18	29	.33	.26	.30	.29	.30	.13	.03	.01	.....	.....	.....
Victoria	....	.....	...	.....	T	.12	.24	.32	.29	.39	.40	.36	.21	05	....	.....	...	.....
Salmon Arm	....	.....	.....	.. ..	.01	.06	.14	.29	32	.23	.30	.32	.22	.11	03	.....	...	.....
Nanaimo	....	.....	.....	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vancouver	.....	.....	....	.....	.01	11	.13	15	.23	.26	.23	.24	.21	05	.....	.....	.....	.....
Agassiz	.....	.....	.....	.....	.....	.17	.28	.31	.34	.36	.34	.33	.22	.14	....	.....	.....	.....
Penticton	.....	... ..	.....	... ..	.03	.15	.14	.21	.28	.32	36	.32	.27	12	....	.....	.....	.....
Summerland	.....	.....	.....	... .	.05	.20	.30	.39	41	.36	29	25	.11	.01	.....	...	....	.....
Kamloops	.....	.....	.....	.....	.....	...	.. ..	.....	.....	.....	...	....	....	.....	....	.....	....	.....
Harper's Ranch	....	....	... ..	.....	.....	....	.....	.....	....	..	....	..	.....	.. ..	.....	.....	....	.....
Invermere	.....	.. ...	.....	... ..	....	.04	.17	32	41	.38	47	58	.26	T	.....	....	.....	.....
Edmonton	.....	.....	....	.....	.04	.19	.26	.37	48	.50	.51	.43	39	10	..	.....	.....	.....
Lethbridge	.....	....	.....	.....	.07	.28	.45	.44	.51	.52	.59	.57	.47	.36	.05	....	.....	.....
Lacombe	.....	..	..	.... .	.08	.25	.42	.53	.55	.60	.57	.55	.49	.25	....	.....	.....	.....
Medicine Hat	.....	....	.....	.....	.08	.21	.40	.52	49	.56	.51	.50	.34	.13	.....	.....	.....	.....
Fort Dunvegan	...	.....	.....	...	.....	03	.19	.41	.53	54	53	.55	.26	.....	... ..	...	.....	.....
Fort Vermilion	.....	...	.....	...	.....	.....	....	... .	.....	.....	.. .	.....	... .	....	.....	..	.....	.....
Battleford	.....	....	.....	.04	.34	64	.73	.79	.82	.83	80	.80	.58	.06	. ..	....	.....	....
Indian Head	....	... ..	.....	.....	.02	19	.37	.48	.54	59	65	.53	.45	.11	.. ...	.....	... .	....
Moosejaw	.....	.....	. ...	.....	.10	.30	.48	.58	.61	.57	65	.45	.45	17	.. ..	.....	.....	.....
Scott	.....	... .	.....	.03	.29	.40	.48	.51	.60	.67	.65	60	.35	.02	.....	....	.....	.....
Rosthern	.....	.....	.. ..	.....	.08	.38	.55	.67	69	.72	.59	.66	.58	.35	.01	.....	.....	...
Brandon	....	.....	.....	.....	.08	.53	.62	.74	.81	.65	.63	55	.18	.....	. ..	.....	.. ..	...
Winnipeg	.....	.....	.....	.....	.02	.19	.38	.53	.61	63	60	.61	.49	.16	....	.....	.....	.....
Le Pas	.....	....	... .	.....	.02	.21	.51	.64	.62	.58	.60	.61	.54	.20	.....	.....	.....	.....
Haileybury	.....	.....	.....	.....	.14	.42	.61	.62	.69	65	.66	.52	.46	.32	T	.....	... ..	.....
Gravenhurst	.....	.....	.....	.....	....	.....	....	.....	.....	.....	....	....	.....	.....	....	.....	.....	...
Woodstock	.....	.....	.....	.....	.17	.36	.49	.56	.62	61	58	.43	.30	24	.02	.....	.....	...
Lindsay	.....	.....	.....	.....	T	.21	.50	59	.62	.63	.59	.60	.57	.16	.....	....	.....	.....
Barrie	.....	.....	....	.....	.24	.44	.56	.63	.66	64	.61	.58	.33	.05	.....	.....	.....	....
Toronto	.....	.....	.....	.....	.06	.40	60	.65	.68	.66	.55	56	.45	31	.08	.....	.....	....
Kingston	.....	.....	....	.....	.24	.56	.68	.80	.80	.70	.73	.63	.55	.28	T	.....	.....	.....
Ottawa	.....	.....	.....	.....	.26	.56	.71	.80	.84	.88	.87	.78	.67	35	.....	.....	.....	.....
Montreal	.....	.....	.....	.....	.....	.....	.....	... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
Cap Rouge	.....	... ...	. ....	.....	.08	.24	.40	.49	.41	.51	.56	.58	.45	.06	.....	.....	.....	.....
Quebec	.....	.....	.....	.....	.06	.32	.49	.65	.57	.61	.67	.64	.53	15	.....	.....	.....	.....
Ste Anne de la Pocatiere	....	.....	T	.20	.35	.41	.45	.50	.46	.46	.48	.40	.03	....	.....	.. ...	.....	.....
Sherbrooke	.....	.....	.....	.....	.10	.21	32	.51	.57	.58	.60	.61	.51	28	....	.....	.....	.....
Fredericton	.....	.....	.....	.....	.20	.49	.54	.62	.64	.67	.63	.65	.60	.41	.04	.....	.....	.....
Charlottetown	.....	.....	.....	.....	.09	.28	.41	.52	.52	.43	.43	.46	.43	.22	.....	.....	.....	....
Nappan	.....	.....	.....	.....	.03	.35	55	.64	.63	.61	.63	.63	.56	.36	.01	.....	.....	.....
Wolfville	.....	.....	....	.....	.14	.40	.45	.56	.58	.56	56	.48	.45	.26	02	.....	.....	.....
Kentville	.....	.....	.....	.....	.06	.34	.38	.63	.56	.64	.51	.51	.61	.29	01	.....	.. ..	.....

SUMMARY OF SUNSHINE RECORDS

FEB., 1914	Shawnigan Lake	Victoria.	Salmon Arm.	Nanaimo.	Vancouver.	Agassiz.	Tranquille.	Summerland.	Kamloops.	Harper's Ranch	Invermere.	Edmonton.	Lethbridge.	Lacombe.	Medicine Hat.	Fort Duavegan	Fort Vermilion	Battleford.	Indian Head.	Moose Jaw.	Scott.	Rosthern.	Brandon.	Winnipeg.	Le Pas	Haileybury.	Gravenhurst	Woodstock.	Lindsay.	Barrie.	Toronto.	Kingston.	Ottawa.	Montreal.	Cap Rouge.	Quebec.	Ste. Anne de la Pocatiere	Sherbrooke.	Fredericton.	Charlottetown.	Nappan	Wolfville	Kentville
Registered duration in houre	60	66	57	....	46	77	62	66	....	..	74	91	121	120	104	85	.	179	111	118	129	147	134	118	127	143	....	123	125	133	147	167	188	....	106	129	104	120	153	106	140	125	119
Percentage of possible duration	21	23	20	....	16	24	22	24	....	....	26	33	43	44	37	32	..	65	46	42	47	53	48	42	47	50	....	42	43	46	48	57	65	..	37	44	36	41	53	37	48	43	41
Difference from average	—	— 5	—	....	—	+ 1	—	—	....	....	—	—	—	—	—	—	....	+16	+ 3	—	—	—	+ 1	— 7	—	—	....	+12	+ 7	+17	+11	+20	+27	....	—	+ 1	—	—	+20	—	—	—	—
Maximum percentage in one day	80	84	81	....	77	82	78	85	....	...	69	89	92	86	87	67	....	93	83	91	91	100	83	90	88	95	....	91	77	85	93	94	92	...	83	80	86	93	94	89	88	88	87
Date of maximum	15	15	2	....	5	16	2	2	....	...	9	4	20	5-16	19	5	...	5	20	28	2	7	21	21	18	19	....	12	15	23-24	23	23	5-15-23	....	15	15-23	20	23	. 6	23	23	13-26	26
Number of days completely clouded	11	12	14	....	18	17	10	11	....	. ..	4	9	4	6	6	10	....	2	5	8	6	2	3	6	4	4	....	2	3	2	3	2	0	. .	7	3	7	6	6	10	3	5	3

Thunder recorded:

1.
2.
3.
4.
5.
6. Hillier.
7.
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22.
23.
24.
25.
26.
27.
28. Winnipeg.

Auroras recorded in February, 1914:

1.
2. Fort Vermilion.
3.
4.
5.
6. Minnedosa III.
7.
8.
9.
10.
11.
12.
13. Haileybury III.
14. Schreiber IV.
15. Anglia, Ranfurly IV.
16. Sion IV.
17. Waseca, Haileybury IV.
18.
19.
20.
21.
22. St. Alban's IV, Schreiber IV.
23. Anglia IV, Ranfurly III, Fort Vermilion.
24. Anglia IV.
25. Aitkensville IV, Fort Vermilion.
26.
27. Anglia I.
28. Trehern IV, Crescent Lake IV, Sioux Lookout, Kenora IV, Morden IV, Aitkensville III, Ranfurly IV, Fort Vermilion.

FORECASTS FOR FEBRUARY 1914

The forecasts issued by this office at 11 p.m. each night, are for the 24 hours beginning at 8 a.m. the following day; and are published in most morning newspapers

The number of these predictions issued during the month was 1129. These were divided as follows:

District	No. Issued.	Verified.			
		No. Fully.	No. Partly.	No. Not.	Per-centage.
Alberta	74	60	7	7	85 8
Saskatchewen	74	62	10	2	90.5
Manitoba	75	65	8	2	92 0
Lake Superior	88	76	8	4	90.9
Lower Lake Region	102	87	12	3	91.2
Georgian Bay	101	84	9	8	87.6
Ottawa Valley	93	72	18	3	87 1
Upper St. Lawrence	92	75	14	3	89 1
Lower St. Lawrence	94	81	12	1	92 5
Gulf	100	86	10	5	91.0
Maritime Provinces West	112	85	19	8	84.4
Meritime Provinces East	114	85	19	10	82 9
Total	1129	918	146	65	87 8

In order to obtain the percentage of verification of the predictions, the number partly verified is divided by two and added to the number fully verified, and the result divided by the total number issued.

In ascertaining to what extent the predictions have been verified, the reports from the agents at all observing stations, as well as the telegraphic reports, are used.

R. F. STUPART, Director

Meteorological Office, Toronto,
April 2nd, 1914.